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Spring '65

Vaughan's Seed Co.

Wholesale List

National Agricultural Library
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★ FEB 16 1965 ★
U. S. Department of Agriculture

5300 KATRINE AVENUE,
DOWNERS GROVE, ILL. 60515
Telephone 969-6300 AREA 312

89th ANNIVERSARY

PETUNIA
F-1 GRANDIFLORA
DESIRE SERIES
SALMON · WHITE
ROSE · SCARLET · PINK

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Bedding Plant Specialists Prefer Vaughan's

Instant Glamour

Varieties

Jerome Fitz, Cashman Greenhouse, Charles City, Iowa, Ardell Sullivan, K. C. Brown, Vaughan's, Susan Cordes, Carl Gosevick and Mildred Draheim are pleased with the Portulaca Double Mixed.

Warren Sheppard of Vaughan's Seed Company and Carl & Mrs. Gortzig, Erie Co. N. Y. County Agent.

Florist Growers of Cincinnati, Ohio, Alice Ruee, Bob Ruee, H. J. Benken, Bob Lutz, Tom Durban, Dick Benken, Jim Koch, Bill Abbot, Vaughan's Salesman, Betty Sehlhorst, Linus Sehlhorst admiring bed of Petunia Calypso.

Bedding plant growers everywhere recognize Vaughan's "Instant Glamour" Program of the best-selling Flowers and Vegetables as a sure step toward better sales and profits. Here a number of prominent growers preview Instant Glamour planting at Vaughan's Field Day, July 22, 1964.

Gus R. Craigo of Vaughan's shows Early Sunrise Snaps to Mr. & Mrs. L. Berkholz and daughter Paula of Ranch View Greenhouse, Overland Park, Kansas, and Great Grandparents of Paula, Mr. & Mrs. R. E. Berkholz of Berkholz Greenhouse, Kansas City, Missouri.

Vaughan's Paul Moore inspects Petunia Pink Desire with Andy and Carol Meyers of Meyers Greenhouse, Muskegon, Michigan.

Mort Conkling, Vaughan's Salesman and Ed. Ludder of Ludder Florist, Smithtown, Long Island, New York.

Let Vaughan's "Glamour Tags" Tell and Sell for You

New! Improved! HEAVIER-GAUGE PLASTIC (.020"), STRONGER, EASIER TO INSERT IN SOIL . . . THEY ARE LASTINGLY BEAUTIFUL!

Yes, now you can just push one of these tags into the soil of a Pak of your plants and add real "Instant Glamour." Glamour Tags show the retail customer how attractive the blooms are, tell everything about the plants that normally takes the time of a clerk and they sell the customer who would be lost when no clerk is available.

Bedding plant wholesalers will find that Glamour Tags in their Paks add that "extra-value" that makes sales easier, larger and more profitable.

Printed in full, glorious color, these heavier (.020") plastic Glamour Tags are easier to handle and practically indestructible. They make good plants sell better. Available in all varieties listed.

PRICES, NET PREPAID;

500 to 950	$1.35 per 100
1,000 to 4,950	1.25 per 100
5,000 to 24,950	1.15 per 100
25,000 to 99,950	1.05 per 100
100,000 or more	.95 per 100

Minimum Order, 500; minimum of one variety, 50.

ANNUALS

10100 Ageratum Blue Ball
10103 Ageratum Blue Blazer
10106 Ageratum Blue Mink
10109 Ageratum Snow Carpet
10115 Alyssum Carpet of Snow
10118 Alyssum Royal Carpet
10121 Alyssum Rosie O'Day
10124 Aster Perfection Mixed
10127 Aster Powderpuffs
10130 Aster Giant Incurved
10133 Aster American (Giant) Branching
10136 Aster Dwarf Queen Mix
10139 Amaranthus Tricolor Splendens
10142 Amaranthus Molten Fire
10145 Balsam Bush Dwarf Mix
10148 Balsam Color Parade Mix
10151 Bell of Ireland
10154 Begonia Wax Pink
10157 Begonia Wax Red
10160 Begonia Wax White
10163 Carnation Chabaud Mix
10166 Carnation Dwarf Fragrance
10169 Calendula Pacific Mix
10172 Celosia Fire Feather
10175 Celosia Forest Fire
10178 Celosia Jewel Box
10181 Celosia Orange Feather
10184 Celosia Toreador
10187 Celosia Fireglow
10190 Cleome Pink Queen
10193 Coleus Rainbow
10196 Coleus Candidum Rainbow
10199 Coleus Pink Rainbow
10202 Coleus Red Rainbow
10205 Coleus Velvety Rainbow
10208 Dahlia Unwin's Dwarf
10211 Dahlia Dbl Dwarf Exhibition
10214 Dianthus Brava
10217 Dianthus Baby Doll
10220 Dianthus Wee Willie
10223 Gerbera
10226 Impatiens Dwarf Mix
10229 Impatiens Dwarf White
10232 Impatiens Dwarf Orange
10235 Impatiens Dwarf Scarlet
10238 Impatiens Dwarf Pink
10241 Impatiens Dwarf Carmine
10244 Larkspur Annual Mix
10247 Lobelia Cambridge Blue
10250 Lobelia Crystal Palace
10253 Marigold Gold Coins Mix
10256 Marigold Dwarf Master Blend
10259 Marigold Spry
10262 Marigold Brownie Scout
10265 Marigold Crackerjack
10268 Marigold Lemondrop
10271 Marigold Toreador (Climax Orange)
10274 Marigold Naughty Marietta
10277 Marigold Sovereign
10280 Marigold Doubloon
10283 Marigold Double Eagle
10286 Marigold Spun Gold
10289 Marigold Dainty Marietta
10292 Marigold Cupid Yellow
10295 Marigold Cupid Orange
10298 Marigold Cupid Mixed
10301 Marigold Petite Yellow
10304 Marigold Petite Orange
10307 Marigold Petite Gold
10310 Marigold Petite Spry
10313 Marigold Petite Mixed
10317 Marigold Rusty Red
10320 Marigold Sunkist
10323 Marigold Climax Mix
10326 Marigold Climax Yellow
10332 Pansy Giant Swiss Mix

PETUNIAS

10335 Petunia Allegra
10338 Petunia Appleblossom
10341 Petunia Aristocrat
10344 Petunia Ballerina
10347 Petunia Binga
10350 Petunia Blue Lace
10353 Petunia Blue Magic
10356 Petunia Brass Band
10359 Petunia Calypsa
10362 Petunia Capri
10365 Petunia Caprice
10368 Petunia Cherry Tart
10371 Petunia Comanche
10374 Petunia Coral Delight
10377 Petunia Coral Satin
10380 Petunia Crusader
10383 Petunia Dawn Satin
10386 Petunia Delight Mix
10389 Petunia Dwarf Ruffled Giants
10392 Petunia Can Can Mixed
10395 Petunia Double Mix
10398 Petunia Fandango
10401 Petunia Glitters
10404 Petunia F-1 Grandiflora Mix
10407 Petunia Honeybunch
10410 Petunia Lavender Lace
10413 Petunia Lyric
10416 Petunia Matador
10419 Petunia Maytime
10422 Petunia Melody
10425 Petunia Mercury
10426 Petunia Metear
10428 Petunia Moonglow
10431 Petunia F-1 Multiflora Mix
10434 Petunia Peach Satin
10437 Petunia Peppermint
10440 Petunia Pink Cascade
10443 Petunia Pink Cheeks
10446 Petunia Pink Desire
10449 Petunia Pink Lace
10452 Petunia Pink Magic
10455 Petunia Pink Riches
10458 Petunia Pink Satin
10462 Petunia Plum Double
10465 Petunia Prima Donna
10468 Petunia Red Cascade
10471 Petunia Red Ensign
10474 Petunia Red Satin
10477 Petunia Rose Desire
10480 Petunia Salmon Desire
10483 Petunia Satellite
10490 Petunia Scarlet Desire
10493 Petunia Serenade
10496 Petunia Sky Magic
10499 Petunia Snow Cap
10502 Petunia Starfire
10505 Petunia Strawberry Tart
10508 Petunia Sonata
10511 Petunia Sugar Daddy
10514 Petunia Sugar Pink
10517 Petunia Sugar Plum
10520 Petunia Tanga
10523 Petunia White Magic
10526 Petunia White Cascade
10529 Petunia White Desire
10530 Petunia White Satin

ANNUALS

10536 Phlox Globe
10539 Phlox Twinkle
10542 Phlox Beauty Mix
10545 Phlox Dwarf Master Blend
10548 Partulaca Double Mix
10551 Primula Pacific Giants Mix
10554 Rudbeckia Double Gloriosa Daisy
10557 Salvia Blue
10560 Salvia America
10563 Salvia Bonfire
10566 Salvia Evening Glow
10569 Salvia Hot Jazz
10572 Salvia St John's Fire
10575 Salvia Dwarf
10578 Salvia Medium
10581 Salvia Tall
10584 Snapdragon Tall Mix
10587 Snapdragon Carioca Mix
10590 Snapdragon Rocket Mix
10593 Snapdragon Floral Carpet Mixed
10596 Snapdragon F-2 Master Blend
10599 Snapdragon Floral Carpet Rose
10602 Snapdragon F-1 Sprite Mix
10605 Snapdragon F-1 Sunrise
10608 Stocks
10611 Stocks Trysomic 7 Weeks Mix
10614 Torenia Blue
10617 Verbena Ideal Mixed
10620 Verbena Master Blend
10623 Verbena Pink
10626 Verbena Blue
10629 Verbena Purple
10632 Verbena Red
10635 Verbena Salmon
10638 Verbena Rainbow Mixed
10641 Verbena White
10644 Vinca Caquette
10647 Vinca Little Pinkie
10650 Vinca Bright Eye
10653 Vinca Delicata
10656 Vinca Alba Pura
10659 Vinca Alba Oculata
10662 Zinnia Blaze
10665 Zinnia Cactus Hybrids
10668 Zinnia California Giants
10671 Zinnia Gold Medal Mixed
10674 Zinnia Red Man
10677 Zinnia Red Buttons
10680 Zinnia Pink Buttons
10683 Zinnia Zenith Yellow
10686 Zinnia Zenith Mixed
10689 Zinnia Lilliput Mixed
10692 Zinnia Bananza
10695 Zinnia Firecracker
10698 Zinnia Pumila Mixed
10701 Zinnia State Fair Mixed
10704 Zinnia Thumbelina
10707 Zinnia Zenith Princess
10710 Zinnia Old Mexica

PERENNIALS

10713 Alyssum Saxatile Compactum
10716 Aquilegia McKana Hybrids
10719 Aquilegia Mrs. Scott Elliott Strain
10722 Campanula Canterbury Bells Mixed
10725 Carnation Grenadin Mixed
10728 Candytuft (Iberis) Sempervirens
10731 Chrysanthemum Korean
10734 Delphinium Pacific
10737 Dianthus Barbatus Double Dwarf Mixed
10740 Dianthus Barbatus Single Dwarf Mixed
10743 Digitalis (Foxglove)
10746 Gaillardia Monarch Strain
10749 Heuchera Sanguinea Splendens
10752 Pyrethrum Single Mixed
10755 Shasta Daisy Alaska
10758 Shasta Daisy Double Marcani

VEGETABLES

10761 Cabbage Early
10764 Cabbage Late
10767 Muskmelon
10770 Pepper
10773 Tomato
10776 Tomato Tiny Tim
10779 Tomato Early Giant Hybrid
10782 Tomato Wonder Bay
10785 Pepper Vaughan Hybrid
10788 Pepper Yolo Wonder

Printed in U.S.A.

AGERATUM F-1 BLUE BLAZER. The earliest blue for pots and edging.

Achillea

PERENNIAL Seeds, see below, 68° 1-2 weeks

Ptarmica Fl. Pl. The Pearl. (175,000 seeds per oz.). Abundant small white flowers, for cutting, 20 in.
1/16 oz., **50c;** 1/8 oz., **95c;** 1/4 oz., **$1.75;** 1/2 oz., **$3.15;** oz., **$5.25.**

Filipendula Parker's Variety. (220,000 seeds per oz.). 2 ft. Large heads of golden yellow flowers on long stems. Coming into flower in July blooms continuously until frost. Excellent for cutting.
1/16 oz., **40c;** 1/8 oz., **75c;** 1/4 oz., **$1.35;** 1/2 oz., **$2.40;** oz., **$4.00.**

Aconitum

PERENNIAL 10,000 seeds oz.
Expose to freezing temperatures for best germination results.

Napellus. (Monk's Hood). Dark blue. 36 in.
1/16 oz., **50c;** 1/8 oz., **85c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.70;** oz., **$4.50.**

Acroclinium

ANNUAL 9,000 seeds oz. 68-86° 2-3 weeks

Double Giant Mixture. Excellent fresh cut flower. When used for winter boquets, cut when buds begin to open. 20 in. 1/8 oz., **35c;** 1/4 oz., **60c;** 1/2 oz., **$1.10;** oz., **$1.80;** 4 oz., **$5.25.**

Aloe

ANNUAL 6,500 seeds oz. 65-75° 3-4 weeks

Variegata or "Partridge Breast Aloe". A quick growing succulent with beautifully variegated leaves. 100 seeds, **$1.65;** 500 seeds, **$7.20;** 1,000 seeds, **$12.50.**

Amaranthus

ANNUAL 30,000 seeds oz. 68-86° 3-4 weeks
Prefer a dry sunny, well-drained location in the outdoor garden. Water sparingly when once established.

Molten Fire. Fiery crimson and maroon.

★**Tricolor Splendens.** Very beautiful foliage. 3 ft.

Each of the above: 1/8 oz., **40c;** 1/4 oz., **70c;** 1/2 oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Anchusa

PERENNIAL Seeds, see below 68-86° 3-4 weeks

Italica Dropmore Variety. (1,100 seeds per oz.). Large, gentian-blue, excellent perennial for cutting, 6 ft. 1/8 oz., **40c;** 1/4 oz., **70c;** 1/2 oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Myosotidiflora. (10,500 seeds per oz.). × Exquisite blue forget-me-not flowers. April-May. 15 in. 1/32 oz., **45c;** 1/16 oz., **80c;** 1/8 oz., **$1.35;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50;** 4 oz., **$22.50.**

Fast Selling Ageratum for Pots and Edging

ANNUAL 210,000 seeds oz. 68-86° 3 weeks
Sow seed early to have good sized plants for spring.
After seedlings have been transplanted to pots, flats or paks, grow on at 60° for best results. With the exception of F 1 Hybrids, most Ageratum will show some height variation.

Blue Ball Improved. Compact plants, 4-5 in.
1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.30;** 1/2 oz., **$2.35;** oz., **$4.00;** 4 oz., **$12.00.**

★**Blue Bedder.** 5-6 in. Uniform compact plants bearing clusters of lavender-blue flowers. The color is deeper than that of Blue Ball. 1/16 oz., **55c;** 1/8 oz., **95c;** 1/4 oz. **$1.65;** 1/2 oz., **$3.00;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$45.00.**

Blue Cap. 6-8 in. Dwarf compact habit. True blue flowers. Very uniform. 1/16 oz., **55c;** 1/8 oz., **95c;** 1/4 oz., **$1.65;** 1/2 oz., **$3.00;** oz., **$5.00;** 4 oz., **$15.00.**

F-1 Hybrid Ageratum

Blue Blazer. Earlier than Blue Mink. Small leaves of clear green—the perfect background for the soft blue flower. Hybrid qualities insure evenness of plant habit and color. Here is an Ageratum with all the qualities of Riverside Beauty that can quickly and easily be grown from seed. Blue Blazer answers the needs of the most discriminating grower. 6 in.
1/32 oz., **$3.30;** 1/16 oz., **$6.00;** 1/8 oz., **$11.00;** 1/4 oz., **$20.00;** 1/2 oz., **$30.00.**

★**Blue Mink (Tetraploid).** Large powder-blue fllowers freely produced on 12 inch plants. Compact, even habit. Ideal for pots as well as edging in the garden border.
1/16 oz., **70c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00.**

★**Fairy Pink.** Soft salmon rose. 1/16 oz., **70c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.25;** 1/2 oz., **$4.00;** oz., **$6.75;** 4 oz., **$20.00.**

Imperial Dwarf White. 6 in. 1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.40;** 1/2 oz., **$2.50;** oz., **$4.40;** 4 oz., **$13.00.**

★**Midget Blue.** Clear blue flower, dense small leaved plant. Uniformly dwarf plants covered with bloom.
1/16 oz., **60c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.80;** 1/2 oz., **$3.20;** oz., **$6.00;** 4 oz., **$18.00.**

Snow Carpet. The pure white flower stands well above the clean green foliage. Plants are uniformly compact. 6 in. 1/8 oz., **$2.00;** 1/4 oz., **$4.00;** 1/2 oz., **$7.00;** oz., **$12.00.**

Golden. (Lonas Inodora) 10 in. Clustered fluffy flowers of a rich yellow. Excellent for edgings. 1/32 oz., **50c;** 1/16 oz., **80c;** 1/8 oz., **$1.50;** 1/4 oz., **$2.75;** 1/2 oz., **$5.00;** oz., **$8.00.**

Alyssum

ANNUAL 60,000 seeds oz. 68° 2-3 weeks

A fragrant annual for combinations, bedding or edging. Does well in the poorest soil.

Instant Glamour

★**Vaughan's Carpet of Snow** (Snowcloth). Unsurpassed for uniformity of height and form. A neat compact edging plant, pure white flower. ¼ oz., **40c;** ½ oz., **70c;** oz., **$1.25;** 4 oz., **$3.50;** lb., **$12.00.**

Rosie O'Day. Coming into flower early, blooms retain their deep rose pink color throughout the entire blooming season. The dwarf compact plants are 3-4 inches in height with a spread of 10 inches at maturity. ⅛ oz., **55c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Royal Carpet. Rich violet-purple flowers profusely borne on spreading compact plants. So dense is the bloom, little or no foliage is seen. ⅛ oz., **55c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Violet Queen. Bright violet flowers; dwarf plant. ¼ oz., **45c;** ½ oz., **80c;** oz., **$1.40;** 4 oz., **$4.20;** lb., **$16.00.**

PERENNIAL 30,000 seeds oz. 68-86° 3-4 weeks

Free flowering rock garden or border plants that have proven perfectly hardy under our conditions.

Saxatile Compactum (Gold Dust). × Golden yellow, 12 in. Blooms in spring. ¼ oz., **40c;** ½ oz., **70c;** oz., **$1.20;** 4 oz., **$3.60;** lb., **$10.50.**

Silver Queen (Sulphureum Citrinum). × Pale lemon-colored flowers. 1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.20;** ½ oz., **$2.15;** oz., **$3.60;** 4 oz., **$10.80.**

Anemone

PERENNIAL 37,000 seeds oz. 68° 5-6 weeks

Slow and uneven of germination.

Pulsatilla. × The Pasque Flower. Violet flowers, whole plant covered with silky hairs, needs a dry situation. April to June. 12 in. 1/16 oz., **50c;** ⅛ oz., **85c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.50;** 4 oz., **$16.00.**

Our recommendations—in addition to INSTANT GLAMOUR—are marked ★. Items marked × are suited for rock gardens.

ALYSSUM CARPET OF SNOW Borders a Foundation Planting of F-1 Red Ensign Petunias

Arabis

PERENNIAL 160,000 seeds oz. 68° 3-4 weeks

Alpina. White flowers in dense masses. 1 ft. ⅛ oz., **40c;** ¼ oz., **60c;** ½ oz., **$1.10;** oz., **$1.80;** 4 oz., **$5.50.**

Alpina Rosea. Pink, 1 ft. 1/16 oz., **45c;** ⅛ oz., **80c;** ¼ oz., **$1.35;** ½ oz., **$2.40;** oz., **$4.00;** 4 oz., **$12.00.**

Alpina Snowcap. Dense masses of glistening snow-white flowers; dwarf compact plants. Flowers very early in Spring. 1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Aralia

ANNUAL 68° Slow and uneven to germinate.

Sieboldi. (New seed ready in March.) 100 seeds, **40c;** 500 seeds, **$1.85;** 1,000 seeds, **$3.30.**

Arctotis

ANNUAL 3,700 seeds oz. 68° 3-4 weeks

Large Flowering Hybrids. Flowers resemble those of Gerbera. Numerous beautiful colors. 2½ to 3 in. across in shades of apricot, bronze, brown, pink, red, scarlet and yellow besides pure white. 1 ft. 1/16 oz., **60c;** ⅛ oz., **$1.00;** ¼ oz., **$1.75;** ½ oz., **$3.15;** oz., **$5.00;** 4 oz., **$15.00.**

Aquilegia (Columbine)

PERENNIAL 17,500 seeds oz. 68-86° 3-4 weeks

The Columbine (Aquilegia) flower does not hold up well for shipping. However, it has definite cutflower value, particularly for the retail grower.

Coerulea Blue. Sky-blue with white corolla. Rocky Mt. Columbine. 1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.60;** ½ oz., **$2.90;** oz., **$4.75;** 4 oz., **$12.00;** lb., **$36.00.**

Coerulea Mrs. Nichols. Deep blue and bolder flower than Coerulea blue. 1/16 oz., **$1.10;** ⅛ oz., **$1.95;** ¼ oz., **$3.50;** ½ oz., **$6.25;** oz., **$10.00;** 4 oz., **$30.00.**

Rose Queen. Shades of rose with white corolla, 30 in. 1/16 oz., **70c;** ⅛ oz., **$1.25;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00.**

Long-Spurred Blue Shades. 1/16 oz., **70c;** ⅛ oz., **$1.25;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00.**

Celestial Blue. Large flowered, long spurs. Petals rich blue, corolla and spurs lighter blue. Introducer's Trade pkt., **75c.**

Chrysantha Silver Queen (Snow Queen). Long-spurred silver white, 2 ft. 1/16 oz., **70c;** ⅛ oz., **$1.25;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00.**

Crimson Star. Long Spurs of rich crimson, the center is white tinged carmine, flowers 3 in. across on 2 ft. stems. Varies. 1/16 oz., **$1.00;** ⅛ oz., **$1.65;** ¼ oz., **$3.00;** ½ oz., **$5.40;** oz. **$9.00;** 4 oz., **$27.00.**

McKana Hybrids. Large flowers, long spurs and a rich beautiful color range make this an important addition to the perennial group for garden and cutting. Strong bushy plants with striking terminal flowers on long wiry stems above the lacy foliage. 3 ft. 1/16 oz., **$1.00;** ⅛ oz., **$1.75;** ¼ oz., **$3.00;** ½ oz., **$5.40;** oz., **$9.00;** 4 oz., **$27.00.**

Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The color range through shades of lavender, mauve, blue, purple, white, cream, yellow, pink, red, etc. 1/16 oz., **45c;** ⅛ oz., **80c;** ¼ oz., **$1.35;** ½ oz., **$2.40;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$36.00.**

Armeria

PERENNIAL 12,000 seeds oz. 68° 2-3 weeks

Formosa Large Hybrids. 2 ft. 1/16 oz., **50c;** ⅛ oz., **85c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.00.**

Glory of Holland. Giant Pink. Clear, deep pink flowers. Extra fine for cutting. ½ oz., **70c;** 1/16 oz., **$1.25;** ⅛ oz., **$2.20;** ¼ oz., **$4.00;** ½ oz., **$7.20;** oz., **$12.00;** 4 oz., **$36.00.**

Asclepias

PERENNIAL 4,500 seeds oz. 86-68° 3-4 weeks

Tuberosa. (Butterfly Weed). Umbels of varying orange colored flowers. Lasts well when cut. 24 in. 1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.50.**

Asters for Greenhouse and Outdoor Growing

ASTER GIANT PERFECTION

A mid-season Aster, 10 days to 2 weeks earlier than the Giant Incurved. 4 inch double flowers with short overlapping petals, centers well covered. A minimum of side branches reduces need for disbudding. An ideal cutflower Aster and well suited for the home gardener. 30 inches.

Crimson. Rosy crimson, dark stems.

Mid-blue. A popular soft shade.

Peachblossom. Delicate soft pink, deepening with age.

Pink. Salmon pink.

Purple. Rich royal blue, dark stems.

Rose. Vivid bright rose.

White. Clear soft white.

Mixed. Our own formula blend.

Each of the above: 1/16 oz., **$1.20;** 1/8 oz., **$2.20;** 1/4 oz., **$4.00;** 1/2 oz., **$7.20;** oz., **$12.00.**

Asters in the Greenhouse

The off-season production of Asters as a greenhouse crop is proving most profitable. While Asters can be flowered all year on a schedule similar to the one used for "Mums," it is as an early Spring and Summer cutflower they are at their best.

Requirements are simple: a night temperature of 50° and the use of additional lighting from the seedling stage until plants are 20 to 24 inches tall. We recommend the use of 60 watt bulbs with reflectors spaced 5 ft. apart (the lighting arrangement as you have it set up for Mums will do nicely). Additional lighting must be given from September 1st to May 1st, or until the first flowers show color, and from sunset to 10:30 P.M. At other times the natural light is sufficient.

Use sterilized soil and space plants 8 x 8 inches.

We find this schedule works out satisfactorily in most areas. However, there is apt to be more variation from year to year than with Mums.

SOW SEEDS	POT	BENCH	FLOWER
December 20	January 10	March 1	May
February 1	February 20	April 1	June
March 15	April 1	May 15	July
April 20	May 10	June 15	August
May 20	June 10	July 15	September

Aster Giant Incurved

Large, full-double flowers, long stems, for cutting or as a bedding aster. In bloom from August 20 to September 1.

Azure. Clear light blue.

Pure White. Extra double pure white.

Purple Ball. Bright purple.

Rose Pink. Rich deep rose.

Scarlet Ball. Heart of France red.

Shell Pink. Soft pink.

Mixed. Our own formula blend.

Each of the above: 1/16 oz., **$1.00;** 1/8 oz., **$1.80;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00.**

Aster Pink Lady

Rich glowing salmon pink. Huge double flowers, long clean dark stems. Centers well covered by broad incurved petals. Long lasting when cut. 3 ft. 1/16 oz., **$1.00;** 1/8 oz., **$1.80;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00.**

Aster Early Charm

Mixed. Very early to flower, in bloom well in advance of late summer heat. Long clean stems support a profusion of 3 inch double flowers. Broad over lapping petals; flowers are American Branching in form. A complete range of color. A fine cutflower and a welcome addition to the spring bedding plant list. 18 in. 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.50.**

Dwarf Asters in Pots

These new pot plant Asters should be given additional light from seedling stage until plants are 20 to 24 inches tall. We recommend using lights from suset until 10:30 P.M. Use 60 watt bulbs with reflectors spaced 5 ft. apart, or use the lighting arrangement as set up for your Mum planting.

Sow seed in December and January for April and May flowering. Much in demand for Easter and Mother's Day.

Aster Dwarf Queen

An early flowering, base branching plant with flowers of good size. Freely produced. The ideal pot plant Aster. Three plants in a 5 or 6 inch pot, or single plants in 3½ or 4 inch pots sell on sight. Bloom time varies, recommend you do not mix colors in pot.

Deep Blue	**Crimson**	**White**
Light Blue	**Rose**	**Scarlet**

Dwarf Queen Formula Mixed, all the above.

Each of the above: 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$15.00;** lb., **$45.00.**

ASTER PINK LADY

ASTERS—Wilt Resistant.
ANNUAL 12,000 seeds oz. 68° 2-3 weeks

Asters in Mixture

California Giant Sunshine Mixed. The yellow quilled center provides a striking contrast to the single row of colored outer petals. Giant flowers, 4 to 5 inches across, on 3 ft. plants. Long stiff stems, fine for cutting. ⅛ oz., **60c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$32.00.**

Early Giant Formula Mixed. An early type of Giants of California coming into bloom 4 to 5 weeks ahead of the regular strain. Extra large flowers, long, strong stems. Includes all the popular Aster colors. 1½ ft. ⅛ oz., **65c;** ¼ oz., **$1.15;** ½ oz., **$2.10;** oz., **$3.50;** 4 oz., **$10.50;** lb., **$32.00.**

Princess Formula Mixed. The full crested center is surrounded by several rows of strong guard petals. Early and free flowering; the blooms last long when cut. A complete range of color. 2 ft. ⅛ oz., **85c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$36.00.**

Queen of the Market Mixed. The standard early Aster, and one of the best for the South. Long stemmed, medium size blooms, widely used for early market cutting. 20 in. ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2 00;** 4 oz., **$6.00;** lb., **$18.00.**

Super Giant Mixed. True giant ostrich feather flowers; long, heavy non-lateral stems. A valuable cutflower variety; this excellent "giant" will bloom from late summer to frost. 3 ft. ⅛ oz., **70c;** ¼ oz., **$1.25;** ½ oz., **$2.25;** oz., **$3.75;** 4 oz., **$11.00.**

Giant Sorts Mixed. A perfectly balanced blend of the best commercial varieties. ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.10;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Single Chinese Rainbow Mixture. Wilt-Resistant. A mid season variety, growing 24 to 30 inches tall. It has a good sized single Aster flower in a range of colors almost exclusively, various shades of light blue, dark blue and even violet, rose and crimson. There is no white in the mixture and no flesh pink. Upright growth. ⅛ oz., **35c;** ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Heart of France. Medium sized blooms of glowing ruby-red. A reselected strain. ⅛ oz., **60c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Outdoor Aster Growing

The most widely advertised Wilt Resistant Aster will show no resistance to Wilt when grown in badly infected soil. We suggest a different location each year for your Aster planting, as well as steam sterilization of soil. Sow seed six weeks before planting out date and three weeks after seed sowing the seedlings should be put into Val-Peat Pots and three weeks later they will be ready for planting out. Space a foot apart in beds to insure a working area to set up wire or string supports. A cloth or plastic covering will provide protection against the leaf hopper which spreads Aster Yellows. An occasional spraying or dusting of your planting with Parathion should protect your Asters from infection. We recommend the use of Parathion only for those experienced with it. D.D.T., although not quite as effective, is recommended where safety is a factor.

Aster

■ Giant (American) Branching

Excellent for cut flowers. The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid. 2 to 3 ft.

Crimson	**Pink (Shell)**	**Purple**
Deep Rose	**Lavender**	**White**

Giant Branching Formula Mixed.

Each of the above: ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz. **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Bouquet Type—2 Feet

The plant habit is upright, quilled blooms are produced in clusters on top of long sturdy stems. This variety of Aster being well regarded by cutflower growers. The entire plant may be cut as one attractive bouquet. Very early.

Powderpuffs Mixed. A complete range of bright interesting colors. ⅛ oz., **85c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.50;** lb., **$40.00.**

Crego

Large, feathery, fully double flowers on robust branching 2½ foot plants. Comes into bloom in mid-August and continues well into September. A splendid keeper and shipper.

Azure Blue	**Crimson**	**Purple**
Deep Rose	**Pink (Shell)**	**White**

Crego Formula Mixed

Each of the above: ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Royal Branching—2 ft. Early-Flowering

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

Lavender (Azure Blue)	**Rose-Pink**
Purple	**Shell Pink**
Royal Formula Mixed	**White**

Each of the above: ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Aster Perennial

PERENNIAL 15,000 seeds oz. 68° 2-3 weeks

Alpinus. Fine light blue, 16 in.

Mixed. Blue and white flowers with a rich yellow center. Very large and early; plants uniform and compact. 12 in.

Each of the above 2: 1/16 oz., **65c;** ⅛ oz., **$1.10;** ¼ oz., **$1.95;** ½ oz., **$3.50;** oz., **$6.00.**

Large Flowering Varieties Mixed. 5 ft. Large flowers in a mixture of blue, rose and purple shades. Fall flowering, rich and attractive. 1/16 oz., **$1.10;** ⅛ oz., **$1.95;** ¼ oz., **$3.50;** ½ oz., **$6.25;** oz., **$10.00.**

Another Vaughan Service

V-seal for 1965. We will offer the more important flower seed items in V-seal packages. These include our Instant Glamour varieties, Asters, Delphinium, Impatiens, Coleus, Larkspur, Pansy, Petunias (F-1 Hybrids, Doubles and California Giants), Phlox, Primula, Salvia, F-1 Hybrid Garden Snapdragons, Verbena and Viola.

V-seal packages all carry identifying stock number as well as germination percentage.

ASTER
DWARF QUEEN

Asparagus

ANNUAL 750 seeds oz. 68-86° 4-6 weeks

Cracking seed coat with a knife may increase and assist germination. Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. Sown directly into 3 inch pots in June, Asparagus Plumosus Nanus will make nice plants for Fall and early Winter sales. New crop in Feburary.

Plumosus Nanus. **Sprengeri**

Each of the above 2: 100 seeds, **70c;** 250 seeds, **$1.20;** 500 seeds, **$2.20;** 1,000 seeds, **$4.00;** 5,000 seeds, **$12.25;** 10,000 seeds, **$22.00;** lb., **$25.00.**

Aubrietia

PERENNIAL 150,000 seeds oz. 54° 2-3 weeks.

Large-Flowered Hybrids. × Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. Full-petaled types equal to the best named varieties. A superior strain with an excellent range of color. 6 in.

Leichtlini. × Large-flowered, rosy-purple.

Each of the above 2: 1/16 oz., **50c;** 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.50.**

Baptisia

PERENNIAL 1,700 seeds oz. 68°

Slow and uneven to germinate.

Australis. (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers. 2-4 ft. 1/8 oz., **50c;** 1/4 oz., **85c;** 1/2 oz., **$1.50;** oz., **$2.50;** 4 oz., **$8.00.**

Ornamental Basil

ANNUAL 20,000 seeds oz. 65° 2 weeks

Dark Opal. Bronze Medal All America 1962. The small lavender-white flower, on its slender spike, is in striking contrast to the attractive dark purplish-bronze foliage. Very uniform plant habit with an average height of 15 inches and a spread of 12 inches. For borders and mass planting. As an herb, either fresh or dried, it is much used for flavoring. Developed at the University of Connecticut Experimental Station. We offer the Introducer's seed.

1/16 oz., **$1.00;** 1/8 oz., **$1.75;** 1/4 oz., **$3.15;** 1/2 oz., **$5.65;** oz., **$9.35;** 4 oz., **$31.20.**

Discounts on Flower and Vegetable Seeds Only

Cash or C.O.D. Under $10.00 net

$10.00 to 25.00, 5%; 25.00 to 100.00, 8%; 100.00 to 300.00, 10%; 300.00 to 500.00, 12%; 500.00 to 750.00, 14%; 750.00 and up, 20%.

Charge Orders. If paid within 30 days from date of invoice: Under $10.00, net; $10.00 to 25.00, 2%; 25.00 to 100.00, 5%; 100.00 to 300.00, 8%; 300.00 to 500.00, 10%; 500.00 to 750.00, 12%; 750.00 and up, 18%.

BALSAM COLOR PARADE

Balsam

ANNUAL 3,000 seeds oz. 68° 3-4 weeks

BUSH FLOWERING. Flowers appear in clusters on top of stem instead of on sides. When grown in small pots these make nice plants in bloom for spring sales. Does best in a warm sunny location. Very intolerant of wet cold weather. A popular bedding plant annual, easily handled in Paks or pots, can be had in bloom for early spring sales. 15 in.

Scarlet (Torch) **Rose** **White Reflected Rose**

Mixed. Includes the above.

Each of the above 4: 1/8 oz., **45c;** 1/4 oz., **70c;** 1/2 oz., **$1.30;** oz., **$2.50;** 4 oz. **$7.50;** lb., **$22.00.**

Color Parade. More dwarf and compact than the regular strain. Large double blooms in a wide range of brilliant colors. More top flowering than the regular Bush type. 10 in. 1/8 oz., **$1.00;** 1/4 oz., **$1.80;** 1/2 oz., **$3.25;** oz., **$5.40;** 4 oz., **$22.00;** lb., **$66.00.**

BALSAM (Lady Slipper). Short stemmed double flowers closely set along the length of the stems. Foliage a rich green.

Double Rose Flowered Mixed. 18 in.

Double Camellia Flowered Mixed. 18 in.

Each of the above 2: 1/4 oz., **35c;** 1/2 oz., **60c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Bellis

Perennis Monstrosa (English Daisy)

PERENNIAL 192,000 seeds oz. 68° 1-2 weeks

Much used for early summer bedding as well as combination work in Spring. Treat Bellis as you do Pansies and they will provide interesting color display as a bedding plant from early Spring into Summer. Give some protection over winter and keep planting well watered during the Summer. Although a perennial, Bellis is best treated as an Annual.

SUPER ENORMA. X A special selection of ball shaped fully double flowers averaging 2 1/2 to 3 inches across.

Crimson Ball **Rose Ball**

Salmon Ball **White Ball**

Mixed. A formula blend that includes all the above.

Each of the above 5: 1/32 oz., **70c;** 1/16 oz., **$1.25;** 1/8 oz., **$2.00;** 1/4 oz., **$3.75;** 1/2 oz., **$6.75;** oz., **$11.00;** 4 oz., **$33.00.**

Bell of Ireland

ANNUAL 7,000 seeds oz. 86° 2-3 weeks

Graceful 2 ft. branching stems surrounded with 2 inch bell-like flowers of a delicate green. The white calyx provides interesting contrast. Widely used in flower arrangements, either as a fresh cut-flower or dried for winter bouquets. 1/8 oz., **40c;** 1/4 oz., **70c;** 1/2 oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

All F-1 Hybrid Begonias from Seed

ANNUAL 30,000 seeds 1/32 oz. 68° 2-3 weeks.

Adaptable to all growing conditions, Begonias have rapidly forged ahead as one of the most popular pot plants and a very popular bedding plant.

Improved strains and the introduction of F-1 Hybrids is playing a large part in keeping this versatile plant as one of the leaders, not only as a pot plant but in the garden border where it thrives in partially shaded areas.

Use them in combinations—keep a supply of Begonias in 4 or 5 inch pots. There is ready sale for this versatile plant.

Sow seed in a non-acid peat or light well drained material for best germination. Do not cover, except with paper, until seedlings sprout. Keep surface of flat uniformly moist. A minimum temperature of 60 degrees will insure best results and give nice pot plants for spring sale. Shade in the greenhouse in summer. December-January sowing will give nice 3 inch plants for May bedding sales and combinations. For Christmas and mid-winter pot sales sow in July.

For reasons of economy and as a space saver, shift seedlings to flats, spacing 2 x 2 inches, grow on until plants become crowded then transfer to 3 or 4 inch pots for ready sale.

CAUTION: Begonia seedlings will burn if exposed to full sun. Recommend using a good, well shaded house high in humidity.

BEGONIA ORGANDY CHOICE MIXED

BEGONIA THOUSAND WONDERS WHITE

BEGONIA THOUSAND WONDERS RED

F-1 Hybrids (Heterosis)

As a pot plant, recommend these to your customer for the house, they do well in high temperatures and low light intensity of the modern home. The stronger growing F-1 Hybrid, showing greater resistance to rain and sun, makes an excellent bedding plant. In full sun or partial shade, the response is equally good. Profuse bloomers, the F-1 Hybrid assures uniform growth and bright clear colors.

Cinderella Rose. Bright rose pink flowers with a large attractive golden yellow center. Shows some variation. 8 10 in.
Cinderella White. Glistening pure white with bright gold center. 8-10 in.
Cinderella Mixed. Includes the two described above and a softer lighter pink shade.
Each of the above 3: Trade pkt. (1,000 seeds) **$2.50.**
Lucifer. Deep scarlet flower; bronzy-red foliage.
Pink Profusion. Coral pink flower; red veined green leaves. Very free flowering.
Stuttgart. The rich bronze foliage is in striking contrast to the bright pink flowers.
Each of the above 3: Trade pkt. (2000 seeds), **$1.50;** 5 Trade pkts., **$6.75.**
Pink Pearl. One of the best for pot culture. The plants form perfect balls. Rich pink flowers carried well above the fresh green foliage.
Red Pearl. Only in its brilliant dark scarlet flower does it differ from Pink Pearl.
Organdy Choice Mixed. A complete range of color, red, pink and white. Hybrid vigor makes them particularly adaptable to outdoor bedding, even in full sun.
Thousand Wonders (Tausendschon). Absolutely even in growth and color, plants are one mass of lustrous rose flowers.
Thousand Wonders Red (Red Tausendschon). The rich carmine scarlet counterpart of Thousand Wonders.
Each of the above 5: Trade pkt. (2000 seeds), **$2.00;** 5 Trade pkts., **$9.00.**
Thousand Wonders White. Pure white flowers, completes the color range in this free flowering group, with their dwarf compact habit. Trade pkt. (1000 seeds), **$2.00;** 5 Trade pkts., **$9.00.**
COMET STRAIN. The "Comets" have been bred to show resistance to adverse weather conditions. Plants are compact and mound-like in appearance, making apparent the advantages of hybrid vigor. Clear bright colors.
Pink Comet. Salmon pink with bronzy-green foliage.
Red Comet. Fiery scarlet, purplish-red leaf.
Rose Comet. Deep rose, reddish bronze foliage.
White Comet. Pure white, bronze green leaves.
Galaxy Mixed. A formula-blend of all the "Comets."
Each of the above 5: Trade pkt. (2000 seeds), **$2.00;** 5 Trade pkts., **$9.00.**

BEGONIA DOUBLE LLOYDII MIXED

Double Lloydii Mixed (pendula type). Graceful double and semi-double flowers in a range of interesting colors. Fine for hanging baskets or window box decoration. Trade pkt. (1000 seeds) **$3.00.**

Begonia

Double Tuberous Rooted

Sow December 1st to 15th and have 4's for bedding sales in May. Keep growing in at least a 65 degree house, particularly in the seedling and small plant stage. Later 60 degree temperature will do nicely. One grower reports he grew Tuberous Rooted Begonias along with Double Petunias and other bedding annuals. Use of the 3 inch peat pot is recommended when transplanting to avoid disturbing root system.

Vaughan's Special Mixture. This cream of a specialists' collection contains the lovely camellia and rose-flowered forms together with the double fringed types in charming colors from dainty light shades to the richer and darker tones. Leaflet on culture supplied with seed.
Trade pkt., (1000 seeds), **$3.50.**

Begonias Fibrous-Rooted

Dwarf, 6 to 8 Inches

Adeline (Improved Darling). Very dwarfest habit; bright pink flowers and green foliage, very attractive.

Ball Deep Rose. Rich rosy-red fading to a bright luminous pink as weather becomes warmer.

Ball Red. Medium large flowers of bright scarlet-red. Fairly dwarf in growth, and of uniformly rounded habit.

Dwarf Luminosa. Bright scarlet, free flowering, Excellent pot plant.

Snowbank. Large glistening white flowers cover the dense growing plant. Foliage light green. The best dwarf white.

Each of the above 5: 1/128 oz., **$2.20;** 1/64 oz., **$4.00;** 1/32 oz., **$7.25;** 1/16 oz., **$13.25.**

Vaughan's Special Mixture of Dwarf Varieties for pots and bedding. 1/128 oz., **$2.20;** 1/64 oz., **4.00;** 1/32 oz., **$7.25;** 1/16 oz., **$13.25;** 1/8 oz., **$23.75.**

Tall, 12 Inches and Up

Christmas Cheer Red. Large flowers of deep crimson-scarlet, light bronze foliage. 1/128 oz., **$1.40;** 1/64 oz., **$2.55;** 1/32 oz., **$4.65;** 1/16 oz., **$8.45.**

Medium, 9 to 11 Inches

Carmen. Bright rose flowers, bronze foliage.

Indian Maid. Bright deep scarlet buds and flowers with deep lustrous bronze foliage.

Luminosa. Deep dark scarlet flowers, foliage reddish brown.

Scandinavia Pink. Large free flowering rose-pink. Plants of good branching habit. Foliage dark green tinged with bronze.

Scandinavia Red. A free flowering scarlet-red with dark bronze foliage.

Scandinavia White. The pure white flower is a striking contrast to the light green foliage and reddish color of its stem. Free flowering.

Each of the above 6: 1/128 oz., **$1.90;** 1/64 oz., **$3.45;** 1/32 oz., **$6.25;** 1/16 oz., **$11.25.**

Vaughan's Special Medium Tall Mixture. A formula blend consisting of the above colors. 1/128 oz., **$1.90;** 1/64 oz., **$3.45;** 1/32 oz., **$6.25;** 1/16 oz., **$11.25;** 1/8 oz., **$20.00.**

Begonia

Rex Hybrids. An outstanding mixture producing a wide range of ornamental leaved Rex Type.
Trade pkt., (1000 seeds), **$2.50.**

Browallia

ANNUAL 65,000 seeds oz. 68° 2-3 weeks

Speciosa Major. A moderately tender Annual. Plants covered with 1½ to 2 inch bell-shaped flowers. Fine for pots. For outdoor bloom in the North, plant up in June and give a warm sheltered location. 10-12 in.

Blue Bells. Large deep blue flowers. A color much in demand.
1/64 oz., **$1.20;** 1/32 oz., **$2.15;** 1/16 oz., **$3.60;** 1/8 oz., **$6.60;** 1/4 oz., **$12.00;** oz., **$36.00.**

Silver Bells. The large flowered snow-white companion to Blue Bells.
1/64 oz., **$1.75;** 1/32 oz., **$2.75;** 1/16 oz., **$5.00;** 1/8 oz., **$8.50;** 1/4 oz., **$16.00;** 1/2 oz., **$28.75;** oz., **$48.00.**

BROWALLIA BLUE BELLS—SILVER BELLS

Special Order Blank for Instant Glamour

To VAUGHAN'S SEED COMPANY

5300 Katrine Ave., Downers Grove, Ill. 60515

Phone 969-6300 (Area Code 312)

TERMS OF PAYMENT. See Flower and Vegetable Seed discounts in last column. ☞ Bulbs, Supplies, Greenhouse Plants, Grass Seed Mixtures, Fertilizers and Insecticides are 2% 10 days, 30 days net.

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NAME.....

PLEASE USE SAME NAME ON ALL ORDERS TO AVOID CONFUSION IN OUR FILES

Street, P. O. Box
or Rural Delivery.....

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DISCOUNTS ON FLOWER AND VEGETABLE SEEDS *ONLY*
CASH OR C.O.D.

UNDER $10.00 NET

$10.00 to $25.00,	5%	300.00 to 500.00,	12%
25.00 to 100.00,	8%	500.00 to 750.00,	14%
100.00 to 300.00,	10%	750.00 and Up,	20%

CHARGE ORDERS: IF PAID WITHIN 30 DAYS FROM DATE OF INVOICE

UNDER $10.00 NET

$10.00 to $25.00,	2%	300.00 to 500.00,	10%
25.00 to 100.00,	5%	500.00 to 750.00,	12%
100.00 to 300.00,	8%	750.00 and Up,	18%

AMOUNT ENCLOSED $.....When to Ship.....Always write letters on a separate sheet from your order.

Quantity		PRICE Dols.	PRICE Cts.	Quantity		PRICE Dols.	PRICE Cts.
	AGERATUM—F-1 Blue Blazer. 1/32 oz., $3.30; 1/16 oz., $6.00; 1/8 oz., $11.00; 1/4 oz., $20.00; 1/2 oz., $30.00.				**Scarlet Desire.** 1/2 trode pkt. (500 seeds), $1.65; trode pkt. (1000 seeds), $2.90; 1/128 oz., $5.00; 1/64 oz., $9.25; 1/32 oz., $17.75.		
	Snow Carpet. 1/8 oz., $2.20; 1/4 oz., $4.00; 1/2 oz., $7.00; oz., $12.00.				**(F-1 Mul) Dawn Satin.** 1/2 trode pkt. (500 seeds), $1.15; trode pkt. (1000 seeds), $2.10; 1/128 oz., $3.35; 1/64 oz., $6.15; 1/32 oz., $11.25.		
	ALYSSUM—Vaughan's Corpet of Snaw. 1/4 oz., 40c; 1/2 oz., 70c; oz., $1.25; 4 oz., $3.50; lb., $12.00.				**Pink Satin.** 1/2 trode pkt. (500 seeds), $1.15; trode pkt. (1000 seeds), $2.10; 1/128 oz., $3.35; 1/64 oz., $6.15; 1/32 oz., $11.25.		
	BALSAM—Calar Parade. 1/8 oz., $1.00; 1/4 oz., $1.80; 1/2 oz., $3.25; oz., $5.40; 4 oz., $22.00; lb., $66.00.				**Red Satin.** 1/2 trode pkt. (500 seeds), $1.15; trode pkt. (1000 seeds), $2.10; 1/128 oz., $3.35; 1/64 oz., $6.15; 1/32 oz., $11.25.		
	CELOSIA—Fireglaw. 1/128 oz., $1.25; 1/64 oz., $2.40; 1/32 oz., $3.75; 1/16 oz., $6.50; 1/8 oz., $11.50; 1/4 oz., $20.00; 1/2 oz., $32.50.				**Starfire.** 1/2 trode pkt. (500 seeds), $1.15; trode pkt. (1000 seeds), $2.10; 1/128 oz., $3.35; 1/64 oz., $6.15; 1/32 oz., $11.25.		
	COLEUS—Rainbaw Master Blend. 1/128 oz., $1.75; 1/64 oz., $2.75; 1/32 oz., $5.25; 1/16 oz., $10.00; 1/8 oz., $18.00; 1/4 oz., $32.00.				**PHLOX—Dwarf Master Blend.** 1/16 oz., 75c; 1/8 oz., $1.30; 1/4 oz., $2.35; 1/2 oz., $4.20; oz., $7.00; 4 oz., $21.00; lb., $63.00.		
	DAHLIA—Extra Dwarf Dauble Mixed. 1/8 oz., 80c; 1/4 oz., $1.35; 1/2 oz., $2.40; oz., $4.00; 4 oz., $12.00.				**PORTULACA—Dauble Finest Mixed.** 1/16 oz., $50c; 1/8 oz., 85c; 1/4 oz., $1.45; 1/2 oz., $2.60; oz., $4.35; 4 oz., $13.00.		
	DIANTHUS—Baby Dall. 1/8 oz., 60c; 1/4 oz., $1.10; 1/2 oz., $2.00; oz., $3.30; 4 oz., $10.00.				**SALVIA—Evening Glaw.** 1/32 oz., $1.00; 1/16 oz., $1.75; 1/8 oz., $3.20; 1/4 oz., $5.75; 1/2 oz., $10.45; oz., $19.00.		
	IMPATIENS—Baby Mixed. 1/128 oz., $1.50; 1/64 oz., $2.60; 1/32 oz., $4.70; 1/16 oz., $8.50; 1/8 oz., $15.60; 1/4 oz., $28.50; 1/2 oz., $51.25.				**Hat Jazz.** 1/16 oz., 85c; 1/8 oz., $1.50; 1/4 oz., $2.75; 1/2 oz., $5.00; oz., $8.00; 4 oz., $24.00.		
	MARIGOLD—F-1 Gold Coins Mixed. 1/64 oz., 85c; 1/32 oz., $1.50; 1/16 oz., $2.50; 1/8 oz., $4.50; 1/4 oz., $8.00; 1/2 oz., $14.50; oz., $25.00.				**St. Jahn's Fire.** 1/16 oz., $1.10; 1/8 oz., $1.95; 1/4 oz., $3.50; 1/2 oz., $6.25; oz., $10.00; 4 oz., $30.00.		
	Dwarf Master Blend. 1/8 oz., 55c; 1/4 oz., $1.00; 1/2 oz., $1.80; oz., $3.00; 4 oz., $9.00; lb., $27.00.				**SNAPDRAGON—F-1 Flarol Carpet Rase.** Trade pkt. (500 seeds), $1.65; 1/128 oz., $2.75; 1/64 oz., $5.25; 1/32 oz., $9.50; 1/16 oz., $18.45; 1/8 oz., $35.50; 1/4 oz., $68.00.		
	PETUNIA—All Double (Mul). Caral Delight. 1/2 trode pkt. (500 seeds), $1.65; trode pkt. (1000 seeds), $2.90; 1/128 oz., $5.00; 1/64 oz., $9.25; 1/32 oz., $17.75.				**Flaral Carpet Mixed.** Trode pkt. (500 seeds), $1.65; 1/128 oz., $2.75; 1/64 oz., $5.25; 1/32 oz., $9.50; 1/16 oz., $18.45; 1/4 oz., $68.00.		
	Delight Mixed. 1/2 trode pkt. (500 seeds), $1.65; trode pkt. (1000 seeds), $2.90; 1/128 oz., $5.00; 1/64 oz., $9.25; 1/32 oz., $17.75.				**Sunrise Mixed.** Trode pkt. (500 seeds), $1.75; 1/128 oz., $3.00; 1/64 oz., $5.50; 1/32 oz., $10.00; 1/16 oz., $19.25; 1/8 oz., $36.50; 1/4 oz., $69.50.		
	Peppermint. 1/2 trode pkt. (500 seeds), $1.65; trode pkt. (1000 seeds), $2.90; 1/128 oz., $5.00; 1/64 oz., $9.25; 1/32 oz., $17.75.				**VERBENA—Dwarf Master Blend.** 1/16 oz., 75c; 1/8 oz., $1.25; 1/4 oz., $2.00; 1/2 oz., $3.50; oz., $6.00; 4 oz., $18.00; lb., $54.00.		
	Strawberry Tart. 1/2 trode pkt. (500 seeds), $1.65; trode pkt. (1000 seeds), $2.90; 1/128 oz., $5.00; 1/64 oz., $9.25; 1/32 oz., $17.75.				**ZINNIA—Pink Buttons.** 1/16 oz., 70c; 1/8 oz., $1.25; 1/4 oz., $2.25; 1/2 oz., $4.25; oz., $8.00; 4 oz., $24.00.		
	(Grand). Master Blend. 1/2 trode pkt. (500 seeds), $3.00; trode pkt. (1000 seeds), $5.00; 1/128 oz., $9.00; 1/64 oz., $17.25; 1/32 oz., $32.80.				**Thumbelina.** 1/32 oz., 85c; 1/16 oz., $1.50; 1/8 oz., $2.75; 1/4 oz., $5.00; 1/2 oz., $9.00; oz., $15.00; 4 oz., $45.00.		
	(F-1 Gr.) Appleblassam. 1/2 trade pkt. (500 seeds), $2.00; trode pkt. (1000 seeds), $3.70; 1/128 oz., $6.70; 1/64 oz., $12.75; 1/32 oz., $24.25.				**F-1 Yellaw Zenith.** 1/16 oz., $2.25; 1/8 oz., $4.00; 1/4 oz., $7.00; 1/2 oz., $12.50; oz., $21.00.		
	Aristacrat. 1/2 trode pkt. (500 seeds), $1.65; trode pkt. (1000 seeds), $2.90; 1/128 oz., $5.00; 1/64 oz., $9.25; 1/32 oz., $17.75.				**Zenith Hybrids Mixed.** 1/16 oz., $2.25; 1/8 oz., $4.00; 1/4 oz., $7.00; 1/2 oz., $12.50; oz., $21.00.		
	Calypsa. 1/2 trode pkt. (500 seeds), $1.65; trode pkt. (1000 seeds), $2.90; 1/128 oz., $5.00; 1/64 oz., $9.25; 1/32 oz., $17.75.				**PEPPER—Yalo Wander.** 1/2 oz., 60c; oz., $1.10; 4 oz., $3.35; lb., $10.00.		
	Capri. 1/2 trode pkt. (500 seeds), $1.65; trode pkt. (1000 seeds), $2.90; 1/128 oz., $5.00; 1/64 oz., $10.25; 1/32 oz., $17.75.				**Vaughan's Hybrid.** 1/16 oz., $1.50; 1/8 oz., $2.50; 1/4 oz., $4.75; 1/2 oz., $9.00; oz., $17.50; 4 oz., $52.50.		
	Pink Desire. 1/2 trode pkt. (500 seeds), $1.65; trode pkt. (1000 seeds), $2.90; 1/128 oz., $5.00; 1/64 oz., $9.25; 1/32 oz., $17.75.				**TOMATO—Eorly Giant Hybrid.** 1/16 oz., $2.50; 1/8 oz., $4.50; 1/4 oz., $8.50; 1/2 oz., $16.00; oz., $30.00; 4 oz., $90.00.		
	Red Ensign. 1/2 trode pkt. (500 seeds), $1.10; trode pkt. (1000 seeds), $2.00; 1/128 oz., $3.50; 1/64 oz., $6.00; 1/32 oz., $11.00.				**Wander Boy.** 1/16 oz., $2.50; 1/8 oz., $4.50; 1/4 oz., $8.50; 1/2 oz., $16.00; oz., $30.00; 4 oz., $90.00.		
	Rase Desire. 1/2 trode pkt. (500 seeds), $1.65; trode pkt. (1000 seeds), $2.90; 1/128 oz., $5.00; 1/64 oz., $9.25; 1/32 oz., $17.75.				**Tiny Tim.** 1/4 oz., 95c; 1/2 oz., $1.75; oz., $3.35; 4 oz., $10.00.		
	Salman Desire. 1/2 trode pkt. (500 seeds), $1.65; trode pkt. (1000 seeds), $2.90; 1/128 oz., $5.00; 1/64 oz., $9.25; 1/32 oz., $17.75.						
	Sub. Total				**Total**		

QUANTITY	NAME OR CATALOG NUMBER OF ARTICLE Where Catalog gives a Number, please order by it.		PRICE Dols.	PRICE Cts.
	Brought Forward			
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To VAUGHAN'S SEED COMPANY

5300 Katrine Ave., Downers Grove, Ill. 60515

Phone 969-6300 (Area Code 312)

TERMS OF PAYMENT. See Flower and Vegetable Seed discounts in last column. ☛ Bulbs, Supplies, Greenhouse Plants, Grass Seed Mixtures, Fertilizers and Insecticides are 2% 10 days, 30 days net.

DISCOUNTS ON FLOWER AND VEGETABLE SEEDS *ONLY*
CASH OR C.O.D.

UNDER $10.00 NET

$10.00 to $25.00,	5%	300.00 to 500.00,	12%
25.00 to 100.00,	8%	500.00 to 750.00,	14%
100.00 to 300.00,	10%	750.00 and Up,	20%

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$10.00 to $25.00,	2%	300.00 to 500.00,	10%
25.00 to 100.00,	5%	500.00 to 750.00,	12%
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PLEASE USE SAME NAME ON ALL ORDERS TO AVOID CONFUSION IN OUR FILES

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Express or Freight Office { If different from P. O. } .....Forward Goods by.....
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(SEND NO CURRENCY UNLESS REGISTERED) Make Money Orders or Checks Payable to Vaughan's Seed Company.

AMOUNT ENCLOSED $.....When to Ship.....Always write letters on a separate sheet from your order.

☐ **CHARGE.** Check if you have a charge account. If you wish to have this purchase charged and no account has been arranged, send 3 trade references with addresses and allow about one week to check them.

QUANTITY	NAME OR CATALOG NUMBER OF ARTICLE Where Catalog gives a Number, please order by it. ☛ In making your order, please give the sizes and prices to avoid delay and errors.	Do not write here	PRICE DOLS.	PRICE CTS.
	To save delay, may we substitute if necessary Yes ☐ No ☐			
	If you need additional order blanks, please check here ☐			
	Carried Forward.		$	

S. F. 65

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Calceolaria

ANNUAL 20,000 seeds ½ oz. 68° 2-3 weeks

In sowing Calceolaria seed, use only loose, sterilized material. Responds best when a night temperature of 60° is maintained. Seed being very fine does not require soil covering. During bud development period a temperature of not over 50° is recommended (Cornell University). When plants are of sufficient size to handle, put into small Val-Peat Pots, later shifting to 4 or 5 inch pots. A regular insect spraying program should be instituted and we recommend the use of Parathion. Calceolaria are most susceptible to aphis. Give some shade from late February on and water planting only when dry. Too much water causes yellowing of foliage.

Hybrids Mixed (F-1 Multiflora Nana. Gilbert's). Large flowerheads, good stems and a brilliant range of color which includes reds, yellows, bronze and pastels from solid to mottled. Good foliage and earliness of bloom as well as a compact flowerhead on not too large a plant combine to make this one of the most desired pot plant varieties. Originator's Trade pkt., **$3.50.**

Multiflora Nana Mixed. The average size of the blooms is only 1½ inches, but the amount of flowers produced is unsurpassed. The color scheme is extraordinarily gay and full of contrast. Pinch out center to make well shaped bushy stock. Trade pkt., (2500 seeds) **$1.50;** 1/128 oz., **$2.75;** ⅛ oz., **$5.00;** ½ oz., **$9.00.**

Gilbert's Multiflora Nana Mixed. A Specialist's selection from the Type. Bright gay colors, plants uniform and compact, very free flowering. Introducer's Trade pkt., **$2.50.**

CALCEOLARIA

Pot plants are much in demand for Mother's Day

Triumph Strain. A truly outstanding strain. Bright shades of yellow, orange, red and rose; the flowers are large and mostly tigered or spotted. This strain produces bushy, shapely plants with clean foliage. 1/128 oz., **$1.80;** ⅛ oz., **$3.30;** ½ oz., **$6.00;** ⅛ oz., **$10.75.**

Broom Hybrids

PERENNIAL 5,500 seeds oz. 70-80° 6-8 weeks

The shrub-like plant is covered with 1 inch sweet pea-like flowers in a range of bright colors. Very hardy, grows well in poor soil, prefers full sun. 4-5 ft. ⅛ oz., **90c;** ⅛ oz., **$1.65;** ¼ oz., **$3.00;** ½ oz., **$5.50;** oz., **$9.00.**

Cactus Seed

ANNUAL 30,000 seeds oz. 75-80° 6 weeks

Cacti can easily be grown from seed, and are becoming increasingly popular in the retail trade.

Cereus (Column-cacti). Mixed.
100 seeds, **60c;** 500 seeds, **$2.50;** 1000 seeds, **$4.40.**

Echinocactus (Hedgehog-cacti). Mixed.
100 seeds, **$1.35;** 500 seeds, **$6.00;** 1000 seeds, **$11.00.**

Mammilaria (Wart-cacti). Mixed.
100 seeds, **$1.35;** 500 seeds, **$6.00;** 1000 seeds, **$11.00.**

All kinds and forms mixed. ⅛ oz., **70c;** ⅛ oz., **$1.25;** ⅛ oz., **$2.20;** ¼ oz., **$4.00;** ½ oz., **$7.20;** oz., **$12.00.**

Calliopsis

ANNUAL 100,000 seeds oz. 65-75° 2-3 weeks

Dwarf Mixed. Single dwarf compact, shades of red and yellow and bicolor combinations of the same colors.
⅛ oz., **40c;** ¼ oz., **60c;** ½ oz., **$1.10;** oz., **$1.80;** 4 oz., **$5.40.**

Our recommendations—in addition to **INSTANT GLAMOUR**—are marked ★. Items marked × are suited for rock gardens.

LONG LASTING BLOOMS OF ORANGE, GOLD AND CREAM MAKE CALENDULAS POPULAR

ANNUAL 5,200 seeds oz. 68-86° 2-3 weeks

Greenhouse Forcing Varieties

These improved varieties, while mainly grown in the greenhouse, can also be grown outdoors for cutting. Sow in January for spring flowering. For mid-winter cut, sow August-September.

Sensation, Vaughan's Improved (Campfire). Long stems; very double, brilliant orange flowers. The blooms are very flat in shape.

Gold. Deep golden yellow with light eye.

Lemon Queen Improved. Lemon-yellow with dark eye.

Masterpiece. Extra long-stemmed, deep orange-brown center.

Each of the above 4: ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Vaughan's Special Mixture for greenhouse forcing. ¼ oz., **40c;** ½ oz., **70c;** oz., **$1.20;** 4oz., **$3.60;** lb., **$10.80.**

Bedding Varieties

At their best in localities where summer temperatures are not too extreme. Flowers are freely produced, full double averaging 3 inches across. In warmer sections flowers are somewhat smaller with an increased number of semi-double blooms. 15 in.

Lemon Queen Light Eye. Light golden yellow.

Orange King Select. Deep orange, dark center.

Radar. Very large, medium orange, quilled type flower. Excellent for cutting.

Each of the above 3: ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Vaughan's Special Mixture of bedding varieties. ¼ oz., **35c;** ½ oz., **60c;** oz., **$1.10;** 4 oz., **$3.30;** lb., **$10.00.**

Pacific Beauties

Uniformly large flowers of good formation, long straight stems. More resistant to heat than other bedding varieties. 15 in.

Apricot Beauty. An attractive two-toned rich apricot.

Cream Beauty. Creamy-white, shading to soft yellow.

Flame Beauty. Clear deep orange, a color identical to that of Orange King. Large blooms, somewhat crested centers make this a striking addition to the Pacific Beauty family.

Lemon Beauty. Pure lemon yellow, wide incurving petals.

Persimmon Beauty. A true persimmon-orange of unusual size and brilliance, with long graceful petals.

Pacific Beauty Mixed. A blend of above.

Each of the above 6: ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Campanula

ANNUAL 50,000 seeds oz. 68-86° 2-3 weeks
Blooms from seed in less than six months. The plant grows from two to two and a half feet tall, each plant having from six to eight spikes of blooms.

Annual Canterbury Bells Mixed.
1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50.**

BIENNIAL 125,000 seeds oz. 68-86° 2-3 weeks
Easily forced in the greenhouse for Spring cutflowers.

Medium Calycanthema. (Cup and Saucer). 36 in.

Dark Blue	**White**
Rose (Pink)	**Lilac (Light Blue)**

Each of the above 4: 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.50;** 4 oz., **$10.50.**

Mixed. 1/16 oz., **30c;** 1/8 oz., **50c;** 1/4 oz., **80c;** 1/2 oz., **$1.40;** oz., **$2.50;** 4 oz., **$7.50.**

Medium Single (Canterbury Bell). 36 in. **Mixed.**
1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

Medium Double Mixed
1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.50;** 4 oz., **$10.50.**

Canary Bird Vine

ANNUAL CLIMBER 2 weeks.
Canary yellow flower, with finely cut and fringed foliage. Does well in shade.
1/4 oz., **50c;** 1/2 oz., **75c;** oz., **$1.25;** 4 oz., **$3.75;** lb., **$11.30.**

CANDYTUFT (IBERIS) SEMPERVIRENS

PERENNIAL Seeds, see below. 68-86° 2-3 weeks

Carpatica. × (Hare Bell). (350,000 seeds per oz.) Forms a quickly-widening tuft of neat foliage above which are borne on slender, branched erect stems, wide cup-shaped upright blooms of a glistening light violet blue, 9 in.
1/32 oz., **35c;** 1/16 oz., **55c;** 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50.**

Persicifolia. (340,000 seeds per oz.). (Peach Bell). 30 in. Bell-shaped flowers on stiffly erect stems.

Alba. White, fine. **Coerulea.** Blue.

Telham Beauty. Large bells of China blue, varies.

Mixed.

Each of the above 4: 1/32 oz., **50c;** 1/16 oz., **80c;** 1/8 oz., **$1.40;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50.**

Perennial Varieties Mixed.
1/16 oz., **55c;** 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50.**

Candytuft

ANNUAL 9,000 seeds oz. 68-86° 1-2 weeks

Fairy Mixed (dwarf compact). 8-in. Dome-like plants, neat, dwarf and compact. The color range includes rose, pink, carmine, crimson, lavender, flesh pink and white. The uniform growth gives the appearance of a rich carpet of color. For pots and combinations. Very early.
1/8 oz., **45c;** 1/4 oz., **75c;** 1/2 oz., **$1.35;** oz., **$2.00;** 4 oz., **$6.00.**

★**Giant Hyacinth-Flowered Select, Pure White.** This is a superior strain; it grows about 1 1/2 feet high, with enormous trusses of blooms. The best strain in existence for florists' use. Sow early in January for Mother's Day.
1/2 oz., **55c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

UMBELLATA. A spring greenhouse cutflower; sow in January, plant out 8 x 10 in. Used as a winter outdoor crop in Florida and the south of Texas. 12 in.

Vaughan's Special Mixture. Our own formula blend of popular colors. 15 in.
1/2 oz., **40c;** oz., **75c;** 4 oz., **$2.00;** lb., **$6.00.**

Hardy Candytuft (Iberis)

PERENNIAL 11,500 seeds oz. 68° 2-3 weeks

Gibraltarica. × 1 ft. Large flowers, lilac shaded to white.
1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.00.**

Sempervirens. 12 in. White.
1/8 oz., **80c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.00;** lb., **$40.00.**

Centaurea

ANNUAL 6,500 seeds oz. 68-86° 3-4 weeks

CYANUS. (Bachelor Button or Cornflower) Large, fully double flower, rich colors. Long stems for cutting. May be sown outdoors just before freezing for early spring blooming. 3 ft.
Black Boy. Blackish maroon.
★**Blue Boy.** Rich deep blue, very large flowers.
★**Pinkie.** Deep pink.
Red Boy. Ruby red.
★**Rosie.** Rich rose with salmon overcast.
★**Snowman.** Best white.
Vaughan's Mixture of Super Giant Varieties.
Each of the above: 1/2 oz., **45c;** oz., **75c;** 4 oz., **$2.20;** lb., **$6.50.**

CYANUS DWARF. Compact plant covered with bloom. Foliage a tufted mass of bright green. For borders and bedding; makes a satisfactory pot plant. 10-12 in.
Jubilee Gem. Very double dark blue flower. 12 in.
Polka Dot Mixed. A full range of bright Centaurea colors.
Each of the above 2: 1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

IMPERIALIS. Showy thistle-like blooms. 32 in.
Mixed. A complete range of color.
1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

PERENNIAL 1,600 seeds oz. 68-86° 3-4 weeks

Montana. Cornflower blue, 24-in.
1/8 oz., **40c;** 1/4 oz., **70c;** 1/2 oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00.**

DWARF CENTAUREA

Cerastium

PERENNIAL 42,000 seeds oz. 68° 2-4 weeks

Tomentosum. (Snow in Summer) × Silvery white foliage, white flowers. 16 in.
1/8 oz., **35c;** 1/4 oz., **60c;** 1/2 oz., **$1.10;** oz., **$2.00;** 4 oz., **$6.00.**

Cheiranthus

PERENNIAL 10,000 seeds oz. 54° 2-3 weeks

Allionii. Brilliant orange. 16 in.
1/2 oz., **45c;** oz., **75c;** 4 oz., **$2.25;** lb., **$6.75.**

CLEOME

Chrysanthemum

ANNUAL 9,500 seeds oz. 68° 2-4 weeks

★**Carinatum Vaughan's Rainbow Mixture.** A surprising blend of entirely new shades and color combinations in Annual Chrysanthemums. The very free flowering 2 feet high plants are early blooming, coming into flower 2 months from the time of sowing, from June until September they give a truly amazing display.
1/8 oz., **50c;** 1/4 oz., **90c;** 1/2 oz., **$1.60;** oz., **$2.75;** 4 oz., **$8.25.**

PERENNIAL 60,000 seeds oz. 68° 2-4 weeks

Korean Hybrids. Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large-flowering single and semi-double.
1/32 oz., **85c;** 1/16 oz., **$1.50;** 1/8 oz., **$2.50;** 1/4 oz., **$4.50;** 1/2 oz., **$8.10;** oz., **$13.50.**

Cineraria

See Page 17

Clarkia

ANNUAL 100,000 seeds oz. 54-90° 1-2 weeks

This is now much planted for cutting, both in and outdoors. If grown indoors, plants must be starved. Sow in January, grow on in flats or shallow raised bench. 2 ft.

Vaughan's Special Mixture. Our own blend.
1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

Cleome

ANNUAL 13,000 seeds oz. 54-90° 1-2 weeks

★**Giant Pink Queen.** A tall and attractive border plant, with huge heads of delightful and refreshing pink. Reaches over 4 feet, well branched, airy foliage, blooming from June until frost.

Helen Campbell. A sport from the popular Pink Queen, with large glistening pure white flowers. Comes into bloom slightly earlier than Pink Queen and the flowerheads are larger.

Each of the above 2: 1/8 oz., **50c;** 1/4 oz., **85c;** 1/2 oz., **$1.50;** oz., **$2.50;** 4 oz., **$7.50.**

Cobaea

ANNUAL 375 seeds oz. 68-86° 2-3 weeks

Scandens. One of the handsomest rapid growing climbers. The bell-shaped flowers turn lilac. Seed should be sown edgewise. Very vigorous and prolific bloomer.
1/8 oz., **40c;** 1/4 oz., **70c;** 1/2 oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00.**

Coleus

See pages 18-19

Convolvulus

ANNUAL 1,400 seeds oz. 65° 2 weeks

Dwarf Royal Ensign. Is deep bright ultramarine blue, the deepest and brightest color of all blue annuals. The plants are fairly covered with their attractive blossoms all summer. Use for edging and borders. 1/8 oz., **60c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Coreopsis

PERENNIAL 11,000 seeds oz. 68° 2-3 weeks

Double Sunburst. (Double New Gold). Large double flowers 1 1/2 to 2 in. across.
1/4 oz., **35c;** 1/2 oz., **65c;** oz., **$1.10;** 4 oz., **$3.30;** lb., **$10.00.**

Corn Ornamental

ANNUAL 100 seeds oz. 65-75° 1 week

Strawberry. While this is really a "Pop Corn" its charm is in the tiny ears which are only 2 in. long and 1 1/2 in. wide and a rich shiny mahogany color. Not unlike a gigantic strawberry. Straw-colored husks which may be bent back showing the ear. oz., **40c;** 4 oz., **$1.25;** 1 lb., **$4.00.**

Calico or Indian Squaw. Multi-colored kernels for fall decorations. oz., **25c;** 4 oz., **50c;** lb., **$1.50;** 10 lb., **$14.00.**

COSMOS SENSATION

Cosmos

ANNUAL 5,000 seeds oz. 68-86° 1-2 weeks

★**SENSATION.** Very early giant flowered type. Plants grow 4 to 6 feet. Flowers are quite large, 4 to 6 inches across, with broad fluted petals which slightly overlap. A satisfactory cutflower strain, particularly well adapted to our Northern climate.

Pinkie. Clear rose pink.

Purity. Purest white.

Radiance. Deep rose with rich crimson zone.

Mixed. All the above.

Each of the above: 1/4 oz., **40c;** 1/2 oz., **70c;** oz., **$1.30;** 4 oz., **$4.00.**

Ornamental Cotton

ANNUAL 270 seeds oz. 70° 12 days

Sown indoors, and transplanted after danger of frost is over, cotton plants develop quickly into low bushes of definite ornamental value, with lovely pink buds followed by creamy blossoms. The white bolls make winter bouquets. Regret owing to quarantine regulations cannot be sent to California.
1/4 oz., **45c;** 1/2 oz., **80c;** oz., **$1.40;** 4 oz., **$4.20.**

★Crossandra

ANNUAL 4,000 seeds oz. 75-80° 7-12 weeks

An evergreen and everblooming plant. Leaves are dark green, somewhat resembling the Laurel. The flowers vary from salmon pink to peach and flower over a long period. Valuable as a pot plant, attaining a height of 12 in. Likes heat, germinates best at from 70 to 80 degrees and under these conditions seed will germinate in three to seven weeks.
50 seeds, **$2.00;** 100 seeds, **$3.50;** 200 seeds, **$6.00;** 500 seeds, **$13.00;** 1000 seeds, **$24.00.**

CYCLAMEN BINNEWIES STRAIN
(Persicum Giganteum)

ANNUAL 2,500 seeds oz. 68° 3-4 weeks

Many years of selection has gone into this fine strain of Cyclamen which we are pleased to again offer the American Grower. A truly outstanding strain by a leading European specialist.

Sow seed ¼ to ½ inch deep. Maintain a temperature of 60-65 degrees until seed has germinated. When seedlings appear crowded, transplant to 3 inch pots or space 3x3 in. flats. Then shift to 4, 5 or 6 inch pots and grow through summer in a shaded ventilated area. Shift September 10 for Christmas plants. Grow on at 50 degrees. Recommended sowing dates, September to November to flower approximately 15 months after sowing.

Bonfire. Brilliant salmon
Bright Red
Dark Blood Red
Lavender
Pink Pearl. (Mozart). Salmon pink
Pure Rose (Deep Pink)
Pure White
Ruffled White
Ruffled Mixed
Saffron Red Silver Edge
Salmon Scarlet (America Improved—Orange Beauty)
Salmon-Rose Improved
Salmon Dark (Glory of Wandsbek or Pearl of Zehlendorf)
Salmon Light (Rose of Zehlendorf)
Soft Rose with Carmine Eye (Improved Rosa von Marienthal)
Victoria Improved. Fringed flowers of palest salmon with a deeper salmon-red eye.
White with Carmine Eye
White Fringed

Each of the above: 100 seeds, **$2.75;** 250 seeds, **$5.50;** 1000 seeds, **$22.00.**

Vaughan's Florist Mixture.
100 seeds, **$2.25;** 250 seeds, **$4.25;** 1000 seeds, **$17.00.**

Vogt's Double Cyclamen

This strain comes about 80% true from seed.

Double Mixed. All colors. 100 seeds, **$3.75;** 250 seeds, **$7.75;** 500 seeds, **$14.00.**

Cyclamen

PERENNIAL 4,000 seeds oz. 68° 3-4 weeks

Europaeum. An outstanding rock garden plant. Blooms in July or August. The flowers are fragrant and usually of a deep rose color. Requires rich humus soil that is well drained. Seed germinates irregularly. Leaflet on culture furnished with seed.
100 seeds, **$1.45;** 250 seeds, **$3.30;** 500 seeds, **$6.00.**

Cynoglossum

ANNUAL 5,300 seeds oz. 68° 2-3 weeks

★**Firmament.** A dwarf type of the Chinese Forget-me-not. 15 to 18 in. tall, bushy, of a rich blue color.
¼ oz., **40c;** ½ oz., **70c;** oz., **$1.35;** 4 oz., **$4.00.**

Cuphea

ANNUAL 7,000 seeds oz. 65-75° 2-3 weeks

★**Firefly.** A free-blooming semi-dwarf compact growing annual of deep rosy-scarlet. Makes an attractive spring pot plant.
1/16 oz., **55c;** ⅛ oz., **95c;** ¼ oz., **$1.85;** ½ oz., **$3.30;** oz., **$5.00.**

Daisy Shasta

PERENNIAL 25,000 seeds oz. 68° 2-3 weeks

Alaska. Best white, American-grown. 40 in.
⅛ oz., **30c;** ¼ oz., **45c;** ½ oz., **80c;** oz., **$1.40;** 4 oz., **$4.25;** lb., **$12.00.**

★**G. Marconi Reselected** (Giant Double Shasta) In our opinion the finest of the Double Shasta Daisies. Long stems, free flowering. Blooms averaging better than 6 inches in diameter. Excellent cutflower.
1/32 oz., **55c;** 1/16 oz., **$1.00;** ⅛ oz., **$1.75;** ¼ oz., **$3.00;** ½ oz., **$5.40;** oz., **$9.00;** 4 oz., **$27.00.**

Gloriosa Daisy

ANNUAL 51,500 seeds oz. 68-86° 2-3 weeks.

Best used and treated as an Annual, this hardy perennial withstands the heat of summer and the zero weather of winter. Excellent for mass displays in the semi-tall border and a fine cutflower.

Double Gloriosa Daisy (Rudbeckia). (All America Silver Medal 1961). Rich golden-yellow double and semi-double flowers, up to 4½ inches across, a profuse bloomer on strong stems. When fully opened the rich dark velvety center provides a brilliant color contrast. We offer Originator's Seed Only. 3 ft.
1/16 oz., **60c;** ⅛ oz., **$1.10;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00.**

Single Gloriosa Daisy. Giant blooms of bright yellow, rich mahogany and vivid bicolors in many patterns that include golden orange and gold, mahogany and bronze as well as mahogany and gold. A contrasting dark velvety center sets off the long broad petals.
1/16 oz., **45c;** ¼ oz., **$1.35;** ½ oz., **$2.45;** oz., **$4.00.**

Dahlia

See page 20

Dahlborg Daisy

ANNUAL 2,100 seeds oz. 68°
Slow and uneven to germinate.
An attractive dwarf border annual covered with small yellow daisy-like flowers. Early, free flowering. 6 in.
1/32 oz., **85c;** 1/16 oz., **$1.50;** ⅛ oz., **$2.75;** ¼ oz., **$5.00;** ½ oz., **$9.00;** oz., **$15.00.**

Delphinium

See Pages 20-21

Dicentra (Dielytra)

PERENNIAL Seeds, see below.
For best germination results, recommend storing seed in damp sand at a temperature below 40° fahrenheit for 6 weeks and then make seed sowing.
Spectabilis. (Bleeding Heart). (6,000 seeds per oz.) 32 in.
1/64 oz., **$1.80;** 1/32 oz., **$3.50;** 1/16 oz., **$6.00;** ⅛ oz., **$11.00;** ¼ oz., **$20.00.**

Dictamnus

PERENNIAL 1,700 seeds oz. Frost germinator.
Recommend using same treatment as you do Dicentra.
Fraxinella. (Gas Plant). Pink flowers with dark veins, 30 in.
¼ oz., **75c;** ½ oz., **$1.35;** oz., **$2.00;** 4 oz., **$6.00.**

Didiscus

ANNUAL 10,000 seeds oz. 68° 2-3 weeks
Coeruleus. (Lavender Lace Flower). Light blue-lavender flowers freely produced on good stems. For spring forcing or grown outdoors in cool climates. 2 ft.
⅛ oz., **35c;** ¼ oz., **60c;** ½ oz., **$1.05;** oz., **$1.80;** 4 oz., **$5..50**

SHASTA DAISY MARCONI RESELECTED

Digitalis (Foxglove)

PERENNIAL 200,000 seed oz. 68-86° 2-3 weeks

Shirley Hybrids. Mixed. Enormous flowers, rich mixture, 6 to 7 ft.
1/16 oz., **35c;** 1/8 oz., **55c;** 1/4 oz., **75c;** 1/2 oz., **$1.35;** oz., **$2.50;** 4 oz., **$7.50.**

Excelsior Mixed. The florets are carried at right angles to the stem and so reveal the full effect of the rich markings. A blend of unusual shades. 4-5 ft.
1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60;** 4 oz., **$10.80.**

Dimorphotheca

ANNUAL 10,000 seeds oz. 68° 2-3 weeks

Aurantiaca New Hybrids. 1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

★**Glistening White.** 6 to 8 in. The petals of the daisy-like flower, 4 inches in diameter, glisten like white enamel. They are borne freely low, spreading plants, like hot sun and dry weather and flower long after frost.
1/8 oz., **75c;** 1/4 oz., **$1.35;** 1/2 oz., **$2.40;** oz., **$4.00.**

Dolichos

ANNUAL CLIMBER 148 seeds oz. 68° 6 to 8 days
Rapid growing vine with large leaves and violet-purple or white flowers in pea-like spikes.

Mixed. Purple and white. 10 ft. Oz., **50c;** 4 oz., **$1.50;** lb., **$4.00.**

Doronicum (Leopard's Bane)

PERENNIAL 18,000 seeds oz. 68° 2-3 weeks
An exceedingly satisfactory spring flowering perennial of much beauty. The large daisy like flowers are fine for cutting.

Caucasicum Magnificum. Gerbera like flowers of clear yellow. Height 2 ft.
1/16 oz., **$1.40;** 1/8 oz., **$2.50;** 1/4 oz., **$4.50;** 1/2 oz., **$8.00;** oz., **$13.50.**

Dracaena

ANNUAL Seeds, see below. 86° 3-4 weeks

Indivisa. Narrow leaved.

In the Hull. (1,500 seeds per oz.) 1/4 oz., **75c;** 1/2 oz., **$1.35;** oz., **$2.00;** 4 oz., **$6.00.**

Clean Seed. (2,500 seeds per 1/4 oz.).
1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Dusty Miller

ANNUAL Seeds, see below 68-86° 2-4 weeks

Centaurea Candidissima (Dusty Miller). (7,500 seeds per oz.) White leaved for bedding. 6 in.
1/8 oz., **70c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00;** 4 oz., **$12.00.**

Gymnocarpa. (7,500 seeds per oz.) (Tall Dusty Miller). The fern-leaved variety with silvery foliage. 24 in.
1/8 oz., **40c;** 1/4 oz., **70c;** 1/2 oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Cineraria Maritima Diamond (Candicans). (20,000 seeds oz.) (Dusty Miller). Considered the finest of the dwarf Dusty Millers. Compact, even growth, glistening white foliage.
1/8 oz., **60c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

EXACUM AFFINE

Echinops

PERENNIAL 650 seed heads per oz. 68-86° 1-4 weeks

Ritro. (Globe Thistle). Showy thistle like plants with globular heads of deep metallic blue flowers, which can be dried as everlastings.
1/4 oz., **$1.10;** 1/2 oz., **$1.95;** oz., **$3.30;** 4 oz., **$10.00.**

Escholtzia (California Poppy)

ANNUAL 15,000 seeds oz. 68° 2-3 weeks

Mission Bells Mixed. Exquisitely formed semi-double and double flowers on dwarf compact plants. A beautiful and complete range of color from delicate pastels to deep red, including two-toned combinations. 6 in.
1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

Euphorbia

ANNUAL Seeds, see below. 68-86° 2-3 weeks

Heterophylla (Mexican Fire Plant) (Summer Poinsettia). (5,300 seeds per oz.) 3 ft. Upper leaves blotched red.
1/8 oz., **40c;** 1/4 oz., **65c;** 1/2 oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00.**

Variegata (Snow-on-the-Mountain). (2,500 seeds per oz.). Foliage edged white and green. 2 ft.
1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

PERENNIAL 8,700 seeds oz. 68-86° 2-3 weeks

Polychroma. The flowers are bright yellow changing to a rosy bronze. 15 to 18 in.
1/32 oz., **$1.40;** 1/16 oz., **$2.50;** 1/8 oz., **$4.25;** 1/4 oz., **$7.50;**

Our recommendations: in addition to INSTANT GLAMOUR, are marked ★. Items marked × are suited for rock gardens.

Exacum

ANNUAL 15,000 seeds 1/64 oz. 68-86° 2-3 weeks

Tiddly-Winks (affine). An excellent greenhouse pot plant with sweetly scented bright mauve flowers. Can be flowered in 6 months from sowing. 9 in.
Trade pkt. (2,000 seeds), **$1.25;** 1/128 oz., **$3.20;** 1/64 oz., **$6.00.**

Flame Violets (Episcia Mixture)

ANNUAL 750,000 seeds oz. 85° 3-4 weeks
An attractive and interesting pot plant. Brilliantly colored foliage ranging from deep shiny green through soft hairy brown, brown veined with green or silver to silver with rust markings. The flower colorings are bright and will show rich shades of red, orange-red and scarlet, as well as a fringed white. Easily grown, seed germinates readily. Handle as you would Gloxinia or African Violets.
50 seeds, **$1.75;** 100 seeds, **$3.00;** 200 seeds, **$5.00;** 500 seeds. **$10.00.**

Freesias

ANNUAL 3,000 seeds oz. 54° 4-6 weeks
Sow seed in cold frame in the middle of May, covering with sash for about three weeks or until plants are up, gradually removing sash so plants become accustomed to air. The bulbs can be lifted by the middle of September. They will bloom in January.

Super Giant Mixed. Large flowers, long stems. An exceptionally fine selection from a European specialist.
1/16 oz., **$2.25;** 1/8 oz., **$4.15;** 1/4 oz., **$7.00;** 1/2 oz., **$12.50.**

Fuchsia

ANNUAL 70,000 seeds oz. 68-86° 4-6 weeks

Superb Mixture. An outstanding mixture of double and single varieties.
250 seeds, **$3.50;** 500 seeds, **$5.50;** 1,000 seeds, **$10.00.**

Galliardia and Geranium

See page 14

Gazania

ANNUAL 12,000 seeds per oz. 55° 3 weeks

Splendens Grandiflora Mixture. Daisy-like blooms predominantly orange, with some shades of yellow and white. A continuous bloomer. Holds up well under hot dry conditions.
1/16 oz., **90c;** 1/8 oz., **$1.65;** 1/4 oz., **$3.00;** 1/2 oz., **$5.50;** oz., **$9.00.**

Discounts on Flower and Vegetable Seeds Only

Cash or C.O.D. Under $10.00 net.
$10.00 to 25.00, 5%; 25.00 to 100.00, 8%; 100.00 to 300.00, 10%; 300.00 to 500.00, 12%; 500.00 to 750.00, 14%; 750.00 and up, 20%.

Charge Orders. If paid within 30 days from date of invoice: Under $10.00, net; 10.00 to 25.00, 2%; 25.00 to 100.00, 5%; 100.00 to 300.00, 8%; 300.00 to 500.00, 10%; 500.00 to 750.00, 12%; 750.00 and up, 18%.

GAILLARDIA SUNSHINE

Gaillardia

ANNUAL 15,000 seeds oz. 68° 2-3 weeks

Easily grown annual, mostly bicolored blooms, in various shades of yellow, orange, red and maroon.

★**Sunshine.** Harmonious blend of colors ranging from almost self red with but slight, though sharply contrasting yellow tipping, some flowers are a pure self yellow. Fully double blooms on stiff stems. 2½ ft. tall.
⅛ oz., **45c;** ¼ oz., **75c;** ½ oz., **$1.35;** oz., **$2.50;** 4 oz., **$7.50.**

Gaillardia Grandiflora

PERENNIAL 10,000 seeds oz. 68° 2-3 weeks

Reliable hardy perennials with bright bicolored blooms averaging 2½ to 3½ inches in diameter.

★**Burgundy.** Self colored wine-red flowers, 2½ inches in diameter, on long stiff stems, from June until fall. Comes 60% to 70% true, 30 in.
⅛ oz., **45c;** ¼ oz., **75c;** ½ oz., **$1.35;** oz., **$2.50;** 4 oz., **$7.50.**

Dazzler. (Portola Hybrids). Large flowers of bright golden yellow with a brilliant scarlet copper hued center. A strikingly brilliant contrast in color. Excellent for cutting. 3 ft.
⅛ oz., **35c;** ¼ oz., **60c;** ½ oz., **$1.10;** oz., **$2.00;** 4 oz., **$6.00.**

Goblin. Very compact globular plants, red and yellow bicolor.
⅛ oz., **45c;** ¼ oz., **75c;** ½ oz., **$1.35;** oz., **$2.50;** 4 oz., **$7.50.**

Monarch Strain. A robust strain very varied in coloring and with flowers of giant size and perfect form.
⅛ oz., **35c;** ¼ oz., **60c;** ½ oz., **$1.10;** oz., **$2.00;** 4 oz., **$6.00.**

Sun. Rich sun-gold yellow flower on long strong stem. Flowers average 4 inches across. A good cutflower strain.
⅛ oz., **45c;** ¼ oz., **75c;** ½ oz., **$1.35;** oz., **$2.50;** 4 oz., **$7.50.**

Gerbera

See Page 22

Geraniums

ANNUAL 6,200 seeds oz. 54-90° 1-6 weeks

Slow and uneven to germinate.

Zonale Large Flowering Mixed. Single large flowers in a wide range of color. This seed will germinate irregularly in from 14 days to two months. Seed box should not be disturbed until germination has ceased.
1/16 oz., **$1.00;** ⅛ oz., **$1.85;** ¼ oz., **$3.35;** ½ oz., **$6.00;** oz., **$10.00;** 4 oz., **$30.00.**

Nittany Lion. (New). Bright single red florets, large compact trusses borne well above the variegated leaf. Comes true to color from seed. Strong compact plants for garden or pot use. From time seed is sown until flowers develop is approximately 120 days. Scarified seed (husk removed) insures maximum germination within 14 days.
1/32 oz., **$2.50;** 1/16 oz., **$4.25;** ⅛ oz., **$8.00;** ¼ oz., **$13.35;** ½ oz., **$24.00;** oz., **$40.00.**

GEUM

Geum

PERENNIAL 7,000 seeds oz. 68-86° 3-4 weeks

Winter-hardy with some protection, these fine perennials are excellent cutflowers.

Lady Stratheden. (Golden Ball). The blooms are large double rich golden yellow. 2 ft.
1/16 oz., **45c;** ⅛ oz., **75c;** ¼ oz., **$1.35;** ½ oz., **$2.40.** oz., **$4.00;** 4 oz., **$12.00.**

Mrs. Bradshaw. Large double fiery orange red. 2 ft.
⅛ oz., **75c;** ¼ oz., **$1.35;** ½ oz., **$2.40;** oz., **$4.00;** 4 oz., **$12.00.**

Grevillea

ANNUAL 3,000 seeds oz. 68-86° 2-3 weeks

Robusta (Silk Oak). Excellent fern-like foliage plant for combination pots and baskets. For winter sales in 2¼ inch pots, sow in August-September and grow on at 60 degrees. Well grown single specimens make fine pot plants.
⅛ oz., **95c;** ¼ oz., **$1.70;** ½ oz., **$3.00;** oz., **$5.00;** 4 oz., **$15.00.**

Gloxinia

See Page 23

Globe Amaranth

ANNUAL 5,500 seeds oz. 68-86° 2-3 weeks

GLOBOSA. A showy garden annual, the taller varieties make excellent cutflowers, either dried for winter bouquets or as fresh flowers. Does well in hot, dry locations.

Rubra (red-purple). 18 in.
¼ oz., **50c;** ½ oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

Mixed. Includes red-purple, orange, white and pink.
¼ oz., **35c;** ½ oz., **60c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Buddy (Dwarf). Excellent for pot plants and edging. Uniform ball shaped plants 5 inches tall with vivid purple blooms.
⅛ oz., **55c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Godetia

ANNUAL 46,000 seeds oz. 68° 2-3 weeks

Plant in rather poor soil. They thrive in cool weather under moist conditions. Treat these as suggested for Clarkia.

Tall Double Grandiflora

Mixed. Gladiolus-like flowers in long trusses; excellent for cutting. 2 ft.
¼ oz., **50c;** ½ oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

Ornamental Gourds

An increasingly important addition to the florists' list, as evidenced by the demand in retail stores. Cultural directions and instructions for preparing the fruit with each order if asked for at time of ordering.

Small Fruited

ANNUAL 500 seeds oz. 68-86° 2-3 weeks

Apple-Shaped.
Bottle, Miniature.
Crown of Thorns.
Flat Striped. Green and white stripes.
Nest Egg. Practical nest eggs.
Orange. The well-known Mock Orange.
Pear-Shaped. Green and white.
Pear-Shaped. White.
Pear-Shaped. Striped yellow and green.
Spoon. Small ball-shaped fruit with slender neck, deep orange.
Warted Sorts Mixed.
Small Fruited Varieties Mixed.
Each of the above: ½ oz., **50c;** oz., **90c;** 4 oz., **$2.70;** lb., **$8.00.**

Large Fruited

ANNUAL 150 seeds oz. 68-86° 2-3 weeks

Dipper. Fruit makes an excellent dipper.
Hercules Club. Fruits average 3 to 4 ft. in length.
Turk's Turban. Ornamental, brightly colored.
Large Fruited Sorts Mixed.
Each of the above 4: ½ oz., **50c;** oz., **90c;** 4 oz., **$2.70;** lb., **$8.00.**

Bottle. Large. The original Thermos bottle. Makes fine bird houses.

Dish Cloth. The spongy-like, porous pulp may be dried and used as a sponge.
Each of the above 2: ½ oz., **80c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Vaughan's Special Mixture. All shapes and sizes of these interesting fruits so fashionable for ornaments, bird houses and utensils, are included in this mixture.
½ oz., **70c;** oz., **$1.20;** 4 oz., **$3.60;** lb., **$11.00.**

GYPSOPHILA SPECIAL FLORIST STRAIN

Gypsophila

ANNUAL 25,000 seeds oz. 68° 2-3 weeks

An easily grown, free flowering annual. Most desirable for cutting.

★Elegans Grandiflora White. Special Florist strain. Oz., **30c;** 4 oz., **85c;** lb., **$2.50;** 5 lb., **$10.00.**

PERENNIAL 34,000 seeds oz. 68° 2-3 weeks

One of the daintiest of flowers. Blooms all summer. The taller sorts make fine cutflowers while the dwarf varieties are excellent for edgings or use in the rock garden.

Paniculata White. Small single white flowers in great profusion, useful for cutting. 40 in.
¼ oz., **35c;** ½ oz., **60c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Snow-White Double. Pure white double strain. 2 ft.
1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$5.00.**

Repens Rosea × Pink flowers. Good rock or border plant.
⅛ oz., **45c;** ¼ oz., **80c;** ½ oz., **$1.45;** oz., **$2.70.**

Hearts and Honey Vine

ANNUAL 900 seeds oz. 68-86° 2-3 weeks

The flowers are 2 inches across and 2 inches deep, changing in color from pinkish orange to rose pink in a single day. Jaggedly cut leaves of deep clear green. Long season of bloom.
¼ oz., **90c;** ½ oz., **$1.60;** oz., **$2.70.**

Helianthemum

PERENNIAL 15,000 seeds oz. 68-86° 2-3 weeks

Mutabile × Mixed Colors. (Rock Rose). Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in.
⅛ oz., **50c;** ¼ oz., **85c;** ½ oz., **$1.55;** oz., **$2.50;** 4 oz., **$7.50.**

Helianthus

ANNUAL 650 seeds oz. 68-86° 2-3 weeks

Sun Gold (Sunflower). 4 to 5 ft. Brilliant golden yellow, full-double Chrysanthemum-like flowers. Free blooming. Excellent for cutting.
¼ oz., **35c;** ½ oz., **60c;** oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

Helichrysum

ANNUAL 45,000 seeds oz. 68-86° 2-3 weeks

Most widely used for drying and winter bouquets. The popular double Strawflower.

Double Mixed. Our own formula blend. Includes all the most popular colors.
¼ oz., **55c;** ½ oz., **$1.00;** oz., **$1.60;** 4 oz., **$4.80.**

HELICHRYSUM DOUBLE MIXED

Lathyrus (Perennial Sweet Pea)

PERENNIAL 500 seeds oz. 68-86° 2-3 weeks

Latifolius. Short stemmed flowers, freely produced. Quite hardy, shows resistance to excessive heat.

Mixed. Our own blend which includes Pink, White and Red.
¼ oz., **75c;** ½ oz., **$1.35;** oz., **$2.25;** 4 oz., **$6.75.**

Lavandula Vera

PERENNIAL 32,000 seeds oz. 52-90° 2-3 weeks

Munstead Strain. Large sweet scented flowers in abundance. It flowers a month earlier than the common Lavender; an improved Vera. 1 ft.
1/16 oz., **45c;** ⅛ oz., **80c;** ¼ oz., **$1.25;** ½ oz., **$2.25;** oz., **$3.75;** 4 oz., **$12.00.**

Liatris

PERENNIAL 9,500 seeds oz. 68-86° 3-4 weeks

The long decorative spikes make excellent cutflowers. Easily grown from seed.

Pycnostachya. Long spike of brilliant rose-purple flowers. Aug. to Oct. 4 ft.
1/16 oz., **45c;** ⅛ oz., **75c;** ¼ oz., **$1.20;** ½ oz., **$2.15;** oz., **$3.50;** 4 oz., **$10.50.**

Linaria

ANNUAL 460,000 seeds oz. 54° 2-3 weeks

★Northern Lights. Brilliant new colors which include clear whites, bright yellows, vibrant blues and carmines, also reds and bronzes with yellow lips. Plants grow 15 in. high, bushy erect.
1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Linum (Perennial Flax)

PERENNIAL 8,500 seeds oz. 54° 3-4 weeks

Perenne. Very pretty pale blue flowers on slender stems. 30 in.
¼ oz., **40c;** ½ oz., **70c;** oz., **$1.20;** 4 oz., **$3.60.**

Flavum Compactum. The dark green foliage accents the golden yellow flower. Ideal for rock gardens. 8 in.
1/16 oz., **55c;** ⅛ oz., **95c;** ¼ oz., **$1.75;** ½ oz., **$3.15;** oz., **$5.00.**

Lunaria

PERENNIAL 1,500 seeds oz. 68° 2-3 weeks

Biennis (Honesty) Mixed. Dark Crimson and white flowers; silvery white pod.
¼ oz., **40c;** ½ oz., **70c;** oz., **$1.40;** 4 oz., **$4.20;** lb., **$13.00.**

Lychnis

PERENNIAL 64,000 seeds oz. 68° 3-4 weeks

Chalcedonica. Vivid scarlet flowers. 36 in.
⅛ oz., **30c;** ¼ oz., **70c;** ½ oz., **$1.25;** oz., **2.00;** 4 oz., **$6.00.**

Haageana Hybrida Mixed. Extra choice, 18 in.
1/16 oz., **45c;** ⅛ oz., **75c;** ¼ oz., **$1.30;** ½ oz., **$2.35;** oz., **$3.90**

Lythrum

PERENNIAL 135,000 seeds ¼ oz. 68° 2-3 weeks

Roseum Superbum. Rose-purple in spikes. A good background plant. 40 in.
⅛ oz., **55c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Vaughan's Helps You Sell Bedding Plants

Vaughan's "Instant Glamour" program of the 40 best flowers and vegetables for bedding plant sales again this year points the way to successful selling for you. See the story on the inside front cover and look for the identifying "Instant Glamour" symbol next to variety listings throughout this book. And now the new "Glamour Tags" are an added sales help. Read about these wonderful new full color tags on page 1.

Sweet Peas

ANNUAL 350 seeds oz. 68° 2 weeks

Zvolanek's Multiflora Sweet Peas

A free-flowering strain of Sweet Peas. Many 5's and 6's on exceptionally long stems. A profitable market variety. Peculiar to this group is all florets on a stem are in bloom at one time. Mid-July through November sowings provide bloom from November to May. 15 weeks to bloom.

Christmas Red. Crimson.
Elk's Purple. Deep purple.
Orchid. Deep orchid-lavender.
Rose Pink. Giant flowers.
Salmon Pink. Rose pink, salmon tint.
White. White seeded.

Each of the above 6: ½ oz., **40c;** oz., **65c;** 4 oz., **$1.85;** lb., **$5.50.**

Mixed. A well-balanced blend.
½ oz., **40c;** oz., **65c;** 4 oz., **$1.85;** lb., **$5.50;** 10 lb., **$52.50.**

Dwarf Sweet Peas

Little Sweetheart Mixture. 8 in. Of upright growth forming a perfectly rounded bush. Compact little plants covered with large Spencer type flowers. Blooms early and over a long season. Upright growth, requires no staking. An interesting novelty variety for bedding, border and pot plant culture. ½ oz., **$1.50;** Oz., **$2.20;** 4 oz., **$7.00;** Lb., **$21.00.**

Cuthbertson Floribunda Sweet Peas

Spring Flowering. Preferred by most growers for spring greenhouse flowering, coming into bloom midway between the Winter and Summer Flowering groups. Do not sow before October for this purpose. Coming into flower a week or more before the Summer Peas, they are now widely grown outdoors.

Daisy. Black seeded, white.
Danny. Navy blue.
David. Bright rose crimson.
Eileen. Coral pink.
Evelyn. Salmon cream-pink.
Frank G. Rosy-lavender.
Jennie. White seeded white.
Kenneth. Ox-blood crimson.
Lois. Rose-pink white ground.
Robert. Mid-blue.
Ruth. Deep rose pink.
William. Picotee rose pink, white ground.

Each of the above 12: oz., **50c;** 4 oz., **$1.50;** lb., **$4.50.**

Vaughan's Formula Mixture. Our own formula-blend which includes all the above.
Oz., **50c;** 4 oz., **$1.50;** lb., **$4.50;** 10 lb., **$43.00.**

Summer Flowering Sweet Peas

Sow in pots or plant bands in late Winter and grow on cool after germination. Small plants ready to set out in early Spring as soon as soil can be worked. The most widely used for outdoor growing.

Vaughan's Special Mixture. A formula blend of good color range.
Oz., **40c;** 4 oz., **$1.25;** lb., **$4.00;** 10 lb., **$38.00.**

Standard Winter (Early) Spencers

Although the Spring Flowering group is preferred for late greenhouse planting, this Winter class does flower earlier and by many is preferred for outdoor planting. Sow from July to September for winter and early spring blooms.

American Beauty. Crimson-rose.
Amethyst. Royal purple.
Blue Supreme. Rich mid-blue.
Cascade. White seeded, white.
Harmony. Lavender. Fragrant.
Hope. Black seeded, white.
Mrs. Herbert Hoover. Clear blue.
Oriental. Black seeded cream.
Princess Blue. Light blue.
Red Giant. Bright crimson-red.
Sequoia. Golden salmon-rose.
Shirley Temple. Soft rose-pink.
Triumph. Deep lilac-mauve.

Each of the above 13: ½ oz., **40c;** oz., **65c;** 4 oz., **$1.85;** lb., **$5.50.**

Vaughan's Special Formula Mixture. From named sorts.
½ oz., **40c;** oz., **65c;** 4 oz., **$1.85;** lb., **$5.50;** 10 lb., **$52.50.**

Some Vaughan Services Planned For Your Profits

VAUGHAN'S V-SEAL PACKAGE PROGRAM

Vaughan's embarked on this program to assure you of seed with high germination and viability as long as you keep it in a V-Seal Package, unopened.

After harvesting, flower seeds are promptly and scientifically dried to the ideal moisture content for the particular variety. Germination tests are made and seeds are packed in V-Seal bags in a room with rigidly controlled low humidity and uniform temperature. These air-tight Mylar-Aluminum V-Seal Bags enclose the seed in an ideal "climate" which retards aging almost indefinitely.

VAUGHAN'S TESTS SEED FOR YOUR PROTECTION

Vaughan's maintains a fully-staffed and equipped laboratory to test the flower, vegetable and grass seed which Vaughan's offer for sale. This assures you of getting seed with proven germinating ability, seed which is worthy of your expenditures of time, labor and money in using it.

VAUGHAN'S ACTUALLY GROW THE VARIETIES OFFERED

At McCormick Gardens near Wheaton, Ill., Vaughan's operates its multi-acre trial grounds. Every variety, new or old, is grown here, observed for weeks, months and years and the results carefully recorded. You benefit because Vaughan's varieties are all proven performers.

VAUGHAN'S "INSTANT GLAMOUR" PROGRAM

Each year Vaughan's market research selects the 40 best and fastest-selling flowers and vegetables for their "Instant Glamour" bedding plant program. And Vaughan's furnishes beautiful full-color display materials that help you sell your plants.

SEE YOUR VAUGHAN'S SALESMAN FOR DETAILS ON VAUGHAN'S MUM PROGRAMMING AND SNAP PLANNING SERVICES

Carnation

ANNUAL 15,000 seeds oz. 68° 2-3 weeks

From an early outdoor planting, these strains produce a nice crop of summer cutflower Carnations. Give some support. A garden favorite in cool climates.

Chabaud Giant Improved

The finest strain for outdoor bedding.

Copper Red (Salmon Rose) **Rose-Pink**
Deep Rose **Scarlet** (Cardinal)
Flesh-Pink **White** (Jeanne Dionis)
Maroon (Nero) **Yellow** (Marie Chabaud)

Fantasy. Striped and variegated mixed colors.

Orange Sherbet. Striped and flushed scarlet, orange-apricot ground.

Chabaud "Glamour" Mixed. Our special formula blend which includes the newer varieties.

Each of the above: 1/16 oz., **50c;** 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.50.**

Dwarf Fragrance Mixed. Large double flowers in a full range of color. Plants grow 12 to 14 inches high and remain both compact and upright throughout the season. Earlier than Chabaud with about the same degree of doubleness. Very fragrant.
1/16 oz., **55c;** 1/8 oz., **95c;** 1/4 oz., **$1.75;** 1/2 oz., **$3.15;** oz., **$5.00.**

Margaret Double Mixed. A free flowering summer strain. An abundance of bloom on good stems. Blooms in five months from sowing. Very fragrant.
1/8 oz., **35c;** 1/4 oz., **65c;** 1/2 oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$20.00.**

Vaughan's Special Mixture. A mixture of Enfant de Nice, Giant Margaret Mixed and Chabaud Giant Improved. 1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$55.00.**

Enfant de Nice

Compact growth, flowers up to 2 3/4 inches in diameter on strong stiff stems, without disbudding.

White **Salmon** **Rose** **Red** **Yellow**

Mixed. From varieties noted above.

Each of the above: 1/32 oz., **50c;** 1/16 oz., **90c;** 1/8 oz., **$1.50;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50.**

Carnation

PERENNIAL 14,000 seeds oz. 68° 2-3 weeks

Large flowers, profuse bloomer. The best cutting strain.

Grenadin Golden Sun. (White Gold). Golden yellow.

King of the Blacks. Darkest red, very fine.

Red. (Cardinal, scarlet) **Triumph Rose.** Deep Pink.

White **Mixed.** A formula blend.

Each of the above: 1/16 oz., **75c;** 1/8 oz., **$1.35;** 1/4 oz., **$2.20;** 1/2 oz., **$4.00;** oz., **$6.60;** 4 oz., **$20.00;** lb., **$60.00.**

Grenadin Dwarf. Extra early. 15 inches.

Bright Scarlet. Double flowers of rich intense scarlet. Blooms from seed the first year if sown early. Very uniform. 1/16 oz., **75c;** 1/8 oz., **$1.35;** 1/4 oz., **$2.20;** 1/2 oz., **$4.00;** oz., **$6.60;** 4 oz., **$20.00;** lb., **$60.00.**

Choice Mixture. Early Vienna Type, nice range of color. 1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$55.00.**

Celosia See Page 20.

CARNATION FRAGRANCE

Cineraria

ANNUAL 6,000 seeds 1/32 oz., 68° 2-3 weeks

A January sowing will provide nice 3 inch plants in May for combination work. For best results do not pinch.

CAUTION: Do not use soil in which Mums have been grown, particularly if your Mum planting was affected with Verticillium wilt or Seidewitz disease. Soil-borne fungus such as these will quickly attack your Cineraria causing the lower leaves to wilt and die and then gradually kill the entire plant. Steam sterilization of soil is important and as a prevention we recommend the use of new field soil from seed flats to finished pot.

MASTER BLEND®

Vaughan's Master Blend. A new strain in a complete range of solid colors all without eyes, rich red tones predominating. Dense flower head, dwarf compact plant, 12 to 14 inches in height. 1/128 oz., **$2.00;** 1/64 oz., **$3.60;** 1/32 oz., **$6.60;** 1/16 oz., **$12.00.**

Siter's Hybrids. A group of Cineraria Hybrids blended for perfect combination of colors, ranging from bright eyed types through the finer pastel shades. Large flower heads with medium, large individual flowers. (Originator's Packet). Seed for 500 plants, **$5.00.**

Grandiflora Dwarf Mixed. Excellent strain in a fine range of color. 1 ft. 1/128 oz., **$2.00;** 1/64 oz., **$3.60;** 1/32 oz., **$6.60;** 1/16 oz., **$12.00.**

Cremer's Prize Mixture. Re-selected. Somewhat taller and larger flowered than Multiflora Nana.

Siter's Rainbow Strain Mixed. Immense flower heads of medium large flowers ranging from bright eyed types to finer pastel shades. Compact growth wtth small leaves. Earlier than Cremer's

Cremer's Prize Strain and Siter's Rainbow Strain. In equal proportions.
1/128 oz., **$1.85;** 1/64 oz., **$3.30;** 1/32 oz., **$6.00;** 1/16 oz., **$11.00;** 1/8 oz., **$20.00.**

Gold Center. (Multiflora Nana). The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers. Good shipper.
1/128 oz., **$1.75;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00.**

CINERARIA VAUGHAN'S MASTER BLEND

PINK RAINBOW

RED RAINBOW

Coleus—The Brighest, Best-Selling Foliage Plants

Candidum. A striking combination. Brilliant green and soft cream. A showy plant for combinations; blends well with other colors.

Golden Rainbow. The rich old-gold under tone is flecked with green. Combined with red, it provides interesting contrast.

Pastel Rainbow. Soft shades of light salmon pink and pale green.

Pink Rainbow. Rich coral-pink shading to salmon. The small green border further emphasizes the bright color. Medium sized leaf.

Red Rainbow. Medium sized leaves of deep mahogany-red and bright carmine-rose edged green. A bright combination. Very showy.

Scarlet Rainbow. Brilliant scarlet-red with narrow green edge. Color brilliance is at its best when plants are of a size to use in combinations. Tends to darken as plants develop and grow larger.

Velvety Rainbow. Brilliant blood-red with deeper velvety overtone. This striking color causes much comment.

Above 7 Separate Colors, Each: 1/128 oz. **$1.75;** 1/64 oz., **$2.75;** 1/32 oz., **$5.25;** 1/16 oz., **$10.00;** 1/8 oz., **$18.00;** 1/4 oz., **$32.00;** 1/2 oz., **$58.00;** oz., **$105.00.**

Vaughan's Rainbow Mixture. Our **Greenhouse Grown Strain** combines a wide range of brilliant richly colored medium to large leaves with a plant that is vigorous yet of uniform compact habit. Rich yellows, pinks, reds in all color tones and shades. Ideal for combinations, shade plantings or use wherever a bit of bright color is desired. 1/128 oz., **$1.60;** 1/64 oz., **$2.60;** 1/32 oz., **$5.00;** 1/16 oz., **$9.00;** 1/8 oz., **$15.00;** 1/4 oz., **$27.00;** 1/2 oz., **$45.00;** oz., **$81.00.**

Rainbow Mixture. Regular Strain. A good range of color but not so bright or richly colored as Vaughan's Rainbow Mixture. 1/128 oz., **75c;** 1/64 oz., **$1.25;** 1/32 oz., **$1.80;** 1/16 oz., **$3.25;** 1/8 oz., **$5.85;** 1/4 oz., **$10.50;** 1/2 oz., **$16.50;** oz., **$30.00.**

COLLECTION: 1/128 oz. each Candidum, Golden Rainbow, Pastel Rainbow, Pink Rainbow, Red Rainbow, Scarlet Rainbow, Velvety Rainbow—7 pkts. (1/128 oz. each) for **$11.00.**

Vaughan's Rainbow Coleus

ANNUAL 3,500 seeds 1/32 oz. 68-86° 2-3 weeks

There is a marked increase in the demand for this brilliantly colored, always popular foliage plant. Much used in combinations, the Coleus has proven its value as a bedding plant in shady locations. Our strain contains the brightest color selections and is grown for us by a specialist who understands the need of the most critical grower. All our seed is Greenhouse Grown.

Coleus are easily grown from seed. 3-inch pot plants are ready in 3 months or less, when grown at 65 degrees. Give full sun in winter and light shade in spring in the greenhouse. When grown as a pot plant in the house, plants should be grown in a sunny window. In the garden it thrives in either partial or full shade.

To preserve the brilliant color tones, remove flower buds as they form. Valuable as a pot plant or for use in combination or in shady or semi-shady locations.

Coleus Rainbow Master Blend. An unusually bright assortment of color. Formula blended from separate colors, it contains none of the dark unattractive shades found in most mixtures. 1/128 oz., **$1.75;** 1/64 oz., **$2.75;** 1/32 oz., **$5.25;** 1/16 oz., **$10.00;** 1/8 oz., **$18.00;** 1/4 oz., **$32.00;** 1/2 oz., **$58.00;** oz., **$105.00.**

COLEUS RAINBOW MASTER BLEND

VELVETY RAINBOW

CANDIDUM

GOLDEN RAINBOW

SCARLET RAINBOW

CELOSIA FIREGLOW

Dahlia Extra Dwarf Double Mixed (Exhibition Strain). An extra dwarf early Dahlia. Color range includes soft pastels as well as rich shades of crimson, scarlet and bronze. Compact bushy plants. 20 in. ⅛ oz., **80c;** ¼ oz., **$1.35;** ½ oz., **$2.40;** oz., **$4.00;** 4 oz., **$12.00.**

Celosia

ANNUAL 29,000 seeds oz. 68-86° 1-2 weeks
One of the finest and most colorful annuals for spring plant sales. Avoid pre-mature bloom with small flower heads by making seed sowing not sooner than 6 weeks before planting out time. Grow warm—suggest 60° nights.

CRISTATA. The popular Cockscomb type. Use the taller varieties as cutflowers, either fresh or dried. The dwarfs make nice pot plants.

Fireglow. Immense globular heads of brilliant cardinal red. Clean green foliage, extra heavy stem. Effective in mass displays, a long lasting cutflower. Introducer's Seed. Bronze Medal 1964 All America Selections. 24 in. 1/128 oz., **$1.25;** 1/64 oz., **$2.40;** 1/32 oz., **$3.75;** 1/16 oz., **$6.50;** ⅛ oz., **$11.50;** ¼ oz., **$20.00;** ½ oz., **$32.50;** oz., **$60.00.**

Jewel Box. Dwarf compact plants, large comb-like flowers, lush green foliage. Blooms when plants are quite small. Ideal for flat sales.
1/64 oz., **$1.00;** 1/32 oz., **$1.80;** 1/16 oz., **$3.25;** ⅛ oz., **$5.85;** ¼ oz., **$11.00;** ½ oz., **$20.00;** oz., **$33.00.**

Empress. Crimson combs, dark foliage. 12 in. 1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.25;** ½ oz., **$2.25;** oz., **$3.50;** 4 oz., **$10.50.**

Toreador. Large combs of bright red with scarlet highlights. Stiff stems, bright green foliage. For bedding or cutting. 18-20 in.
1/16 oz., **60c;** ⅛ oz., **$1.00;** ¼ oz., **$1.75;** ½ oz., **$3.15;** oz., **$5.00;** 4 oz., **$15.00.**

Tall Sorts, Mixed. ⅛ oz., **35c;** ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

Dwarf Sorts. Extra choice mixed.
⅛ oz., **45c;** ¼ oz., **70c;** ½ oz., **$1.25;** oz., **$2.50;** 4 oz., **$7.50.**

PLUMOSA. The plumed or feathery type with spire like branches coming from the base of the plant. The taller strains are useful cutflowers in late summer. Dwarf sorts are outstanding for their brilliance in the garden border where a striking effect is desired.

Forest Fire. Plumes of brilliant fiery orange-scarlet in striking contrast to the bronzy red foliage. Uniform habit, very showy. 2½ ft.

Golden Fleece. Clear golden yellow feathery spikes on good stems.

Scarlet Plume. Bright scarlet red. Very colorful.

Each of the above 3: 1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.35;** ½ oz., **$2.40;** oz., **$4.00;** 4 oz., **$12.00.**

Thompsoni Magnifica Mixed. (Pride of Castle Gould Mixed.) ⅛ oz., **45c;** ¼ oz., **70c;** ½ oz., **$1.25;** oz., **$2.20;** 4 oz., **$6.00.**

DWARF FEATHER VARIETIES. An outstanding bedding plant where dwarf, strong color accent is wanted. For combinations, and pots. Very striking. 12 in.

Fire Feather. Fiery red plumes.

Golden Feather. Rich golden yellow plumes.

Feather Mixture. Our own formula blend.

Each of the above 3: 1/16 oz., **50c;** ⅛ oz., **75c;** ¼ oz., **$1.40;** ½ oz., **$2.50;** oz., **$4.40;** 4 oz., **$13.00.**

Dahlia

ANNUAL 3,000 seeds oz. 68-86° 2-3 weeks

Wide variation in colors and types makes Dahlias from seed interesting to grow. Easily grown from seed, they should be started in January for maximum first year bloom. The dwarf types are particularly adaptable to outdoor bedding while the Extra Dwarf Double Mixed and Unwin make fine pot plants.

Double Cactus-Flowered. Extra choice mixed. ⅛ oz., **$1.65;** ¼ oz., **$3.00;** ½ oz., **$5.40;** oz., **$9.00;** 4 oz., **$27.00.**

Lilliput Mixed (Pompon). Small ball-shaped flowers in a wide range of color. Compact plants. A prolific bloomer. 3 ft. ⅛ oz., **$1.65;** ¼ oz., **$3.00;** ½ oz., **$5.40;** oz., **$9.00;** 4 oz., **$27.00.**

Large Flowering Double Mixed. Large flowers in a wide range of color. ⅛ oz., **45c;** ¼ oz., **70c;** ½ oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Unwin's Dwarf Hybrids. Graceful double blooms in a wide range of color. A January sowing provides 3 and 4 inch flowering pot plants in May. For blooming plants in June, sow in March. ⅛ oz., **45c;** ¼ oz., **75c;** ½ oz., **$1.35;** oz., **$2.50;** 4 oz., **$7.50;** lb., **$22.50.**

Popular Delphinium Varieties

Blackmore and Langdon Strain, Mixed. Tall, graceful spikes covered with blooms. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors. ⅛ oz., **60c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Wrexham (Hollyhock) Strain Mixed. A blend of light and dark shades. Large florets on tapering spike of extraordinary length. ⅛ oz., **95c;** ¼ oz., **$1.75;** ½ oz., **$3.15;** oz., **$6.00;** 4 oz., **$18.00.**

Belladonna Light Blue Improved. (Cliveden Beauty). Light blue, large-flowered, strong grower. 4 to 5 ft. ⅛ oz., **55c;** ¼ oz., **90c;** ½ oz., **$1.65;** oz., **$3.20;** 4 oz., **$11.00;** lb., **$40.00.**

Bellamosum Improved. Large deep blue flowers, uniform in color with a white bee. 4 to 5 ft. ⅛ oz., **55c;** ¼ oz., **90c;** ½ oz., **$1.65;** oz., **$3.20;** 4 oz., **$11.00;** lb., **$40.00.**

Lamartine. Flowers of rich, deep blue with pure white eye. Sturdy vigorous plant which blooms from June until frost. 5 ft. **True Stock.** 1/16 oz., **50c;** ⅛ oz., **90c;** ¼ oz., **$1.50;** ½ oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.50.**

Sapphire. A rich blue distinct from Bellamosum in that it is slightly lighter in color with tiny center of golden pollen, definitely larger flowered with a brilliant sheen to the petals. The foliage is glossy dark green. 1/16 oz., **65c;** ⅛ oz., **$1.15;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00.**

DELPHINIUM CONNECTICUT YANKEES

Connecticut Yankees. Shrub like in appearance, the huge florets are borne on branching plants 2½ to 3 ft. tall. For mass effect in the garden border or as a medium tall background plant, Connecticut Yankees is outstanding. A long lasting cutflower on wiry stems for casual arrangements. Color ranges from softest lavender to deepest blue and purple. Introducer's Seed. All America Bronze Medal 1965. 1/32 oz., **$1.35;** 1/16 oz., **$2.35;** 1/8 oz., **$4.00;** 1/4 oz., **$7.00;** 1/2 oz., **$11.00;** oz., **$21.00.**

Chinese Delphinium

ANNUAL 20,000 seeds oz. 60-70° 2-3 weeks

A lighter more airy plant than the large heavy Delphinium. Attractive in the perennial border, a useful cut flower. Sow well in advance of other bedding plants for good bloom. Plants frequently winter-over.

Blue Mirror. Having no spurs, the bright navy-blue flowers show most effectively by their vertical position. 1½-2 ft. For first year flowering, must be sown early in northern latitudes. 1/16 oz., **50c;** 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.50.**

Mixed. White, light blue and dark blue in just the right proportions. 3 ft. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Delphinium

PERENNIAL 10,000 seeds oz. 54° 3-4 weeks

Pacific Giant Strain

Undoubtedly the finest strain yet introduced. Flowers of immense size, well set on strong, straight stems, do not shatter and highly mildew resistant. Delphinium like a well-drained soil, neutral in reaction. A January sowing in the greenhouse, planted out in early spring, will give a good cut that summer, with excellent production the following season.

Astolat Series. A mixture of novel shades ranging from pale blush through pink, rose and lilac, with dark bee.

Black Knight Series. Deep mid-night violet. The darkest of them all. Flowers of beautiful round form, with heavy velvety texture.

Blue Bird. A clear medium blue with white bee with huge tall spikes.

Blue Jay. Brilliant true medium blue with dark bee.

Cameliard Series. This is a pure lavender self, with white bee.

Galahad Series. Clear white of enormous size, flowers average three inches in diameter, heavy glistening texture.

Guinevere. Light pink lavender self with white bee.

King Arthur. Brilliant royal violet with large white bee.

Summer Skies. Clearest light blue with white bee.

Round Table Series. This represents all of the color combi nations of the above Knights and their Ladies.

Originator's Strain (Vetterle & Reinelt). The originator's own fine selection of the above, bred for uniformity of habit and size of flower.

Each above 10: 1/32 oz., **$1.65;** 1/16 oz., **$3.00;** 1/8 oz., **$5.50;** 1/4 oz., **$10.00;** oz., **$30.00.**

Regular Strain. Grown especially for us by a Delphinium specialist, one generation removed from Originator's.

Each above 10: 1/16 oa., **$1.40;** 1/8 oz., **$2.50;** 1/4 oz., **$4.50;** 1/2 oz., **$8.00;** oz., **$15.50.** 4 oz., **$48.00**

Pacific Giant Hybrids. A good blend. 1/8 oz., **$2.25;** 1/4 oz., **$4.00;** 1/2 oz., **$7.20;** oz., **$12.00;** 4 oz., **$35.00;** lb., **$105.00.**

Dianthus—Annual Pinks

See Page 22.

Dianthus—Sorts

PERENNIAL 200,000 seeds oz. 68-86° 2-3 weeks

Deltoides (Maiden Pink). Brilliant carmine-rose small single flowers in great profusion, excellent low border plant. 9 in. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60.**

Loveliness. Wide color range and misty effect of petals provides a mass of color in the border. Fragrant. 1/64 oz., **80c;** 1/32 oz., **$1.45;** 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$7.50.**

Best Rock Work Species Mixed ×.
1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00.**

Dianthus Barbatus—Sweet William

PERENNIAL 28,000 seeds oz. 68° 2-3 weeks

Spicily fragrant flowers, dense clusters of brightly colored blooms. These perfectly hardy Sweet William bloom the second season from seed. At their best in early June.

Double Dwarf Midget Mixed. 1/16 oz., **40c;** 1/8 oz., **75c;** 1/4 oz., **$1.35;** 1/2 oz., **$2.45;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$36.00.**

Giant Flowered Mixed. 1/8 oz., **35c;** 1/4 oz., **60c;** 1/2 oz., **95c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Single Giant White. Enormous blooms, fine for cutting.
Homeland. Dark red, sharply defined clear white center.
Newport Pink. Salmon-pink.
Scarlet Beauty. Scarlet.
Mammoth Flowered Single Mixed.

Each of the above: 1/16 oz., **35c;** 1/8 oz., **60c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00.**

Indian Carpet (Single Dwarf Midget Mixed). Dense heads of single blooms, wide color range, compact plant. Use in the border or as a spring pot plant. 4 in.
1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$45.00.**

Vaughan's Special Mixture. Our own blend of double and single varieties. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

DIANTHUS BARBATUS INDIAN CARPET

Dianthus Plumarius—Clove Pinks ×

Cyclops. Red Hybrids. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Spring Beauty. Double giant carnation-like flowers in a beautiful color range. Very fragrant. 1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$54.00.**

DIANTHUS BABY DOLL

Dianthus—Annual Pinks

ANNUAL 26,000 seeds oz. 68° 2-3 weeks
Showy free flowering annual for bedding, cutting and flats.

Baby Doll. (Heddewigii) An outstanding extra dwarf Dianthus. Well rounded flowers in a brilliant range of true Dianthus colors. Individual blooms often measuring 2 to 2½ inches across. Outstanding in our Trials where it caused much comment. 6 to 8 in. ⅛ oz., **60c;** ¼ oz., **$1.10;** ½ oz., **$2.00;** oz., **$3.30;** 4 oz., **$10.00.**

Bravo. Silver medal All America 1962. Brightest scarlet-red. Lightly fringed blooms averaging 1½ inches across, carried well above the foliage. Plants are upright yet dwarf and compact. For edging and border. Start with early Petunias and have blooming plants for Spring sales. Grow some in Val Peat Pots for easy handling. 1/16 oz., **60c;** ⅛ oz., **$1.10;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00;** 4 oz., **$17.00.**

Brilliant Mixed. Flowers of rich crimson, cerise, pink and white. 1/16 oz., **35c;** ⅛ oz., **60c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Double Gaiety (Laciniatus). Brilliant colors that include salmon and rich red shades. ⅛ oz., **45c;** ¼ oz., **75c;** ½ oz., **$1.35;** oz., **$2.50;** 4 oz., **$7.50.**

Sweet Wivelsfield. A hardy annual of wonderful colorings. The flowers are larger than Sweet William and borne in trusses. A cut flower of lasting quality and a fine bedding plant.

Single Mixed. ¼ oz., **50c;** ½ oz.,. **90c;** oz., **$1.50;** 4 oz., **$4.50.**

Double Mixed. ⅛ oz., **60c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Wee Willie (Annual Sweet William). An extra dwarf strain in rich shades of red. Flowers early and quickly, over a long season. For spring bedding plant sales (blooms in 6 to 8 weeks from seed). 3 in. 1/16 oz., **70c;** ⅛ oz., **$1.20;** ¼ oz., **$2.20;** ½ oz., **$4.00;** oz., **$6.00;** 4 oz., **$19.00.**

Gerbera

PERENNIAL 7,250 seeds oz. 68° 2-3 weeks

Gerbera or Transvaal Daisy, a popular greenhouse cutflower. Sow seed in January or February to flower in September to May. Dust seed with chlordane to prevent pre-emergence insect damage. Sow on top of seed bed, ¼ to ½ inch apart, covering as lightly as possible with peat or a similar material. Hold only slightly moist for first four days and give heavy moisture thereafter. Germination begins in 7 to 9 days.

In from 4 to 6 weeks seedlings are of a size to prick off into 3 inch peat pots and at this time about ⅓ of the weaker seedlings are discarded. A second selection can be made when plants are benched in June. A steady 60 degree night temperature is recommended.

New Hybrids. A specialist's selection containing many full-duplexed flowers in a greatly improved range of color. This popular greenhouse forcing perennial is fine for cutting. Harvested at intervals during the year, new crop seed is always available.
100 seeds, **70c;** 500 seeds, **$3.00;** 1,000 seeds, **$5.50.**

Gloxinia

See Page 23.

Heliotrope

ANNUAL 50,000 seeds oz. 68-86° 3-4 weeks
Will bloom from seed in four months.

★**Marine.** Large flower umbels, 12 to 15 in. across, of darkest navy blue with rich dark foliage. Early flowering and quick growing, it is especially recommended for bedding and pots. Very fragrant. 1½ ft. 1/32 oz., **85c;** 1/16 oz., **$1.50;** ⅛ oz., **$2.75;** ¼ oz., **$5.00.**

Regale Dwarf Mixed. A fine mixture of dwarf sorts. 1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.25;** ½ oz., **$2.25;** oz., **$3.75.**

Helleborus

PERENNIAL 3,600 seeds oz.

For best germination results, store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then sow.

Niger. Christmas Rose. Seed germinates very slowly. 15 in. ⅛ oz., **75c;** ¼ oz., **$1.35;** ½ oz., **$2.40;** oz., **$4.00.**

Hemerocallis

PERENNIAL A frost germinator.

For best results store seed in damp sand at a temperature below 40 degrees fahreheit for six weeks and then sow.

Peerless Blend. A mixture of high merit. Seeds saved from ten botanical species, also from the fine hybrid seedlings. This blend will give a wide color range of excellent Day Lilies. 100 seeds, **50c;** 500 seeds, **$2.50;** 1,000 seeds, **$5.00.**

Heuchera

PERENNIAL 750,000 seeds oz. 68-86° 2-3 weeks
Bell-shaped flowers about ½ inch long with prominent coral colored calyx.

Sanguinea Splendens. Bright scarlet-crimson, true. Excellent for cutting.

Hybrida Grandiflora Mixed. 30 in.

Each of the above 2: 1/64 oz., **65c;** 1/32 oz., **$1.15;** 1/16 oz., **$2.10;** ⅛ oz., **$3.85;** ¼ oz., **$7.00.**

Hibiscus

PERENNIAL 4,000 seeds oz. 68-86° 2-3 weeks

Large showy single flowers, hollyhock-like in appearance. In shades of pink, red and white with crimson eye. Flowers the first year.

Mallow Marvels Mixed. 4 ft.
⅛ oz., **45c;** ¼ oz., **75c;** ½ oz., **$1.35;** oz., **$2.00;** 4 oz., **$6.00**

Avalon Hybrids. One of the newer hybrid strains. Flowers, mostly bell-shaped, range in color from blush through pink, rose and vivid reds. Distinctive foliage. Long season of bloom. 3 ft. ⅛ oz., **75c;** ¼ oz., **$1.35;** ½ oz., **$2.40;** oz., **$4.00;** 4 oz., **$12.00.**

Gloxinia Hybrida

ANNUAL 24,000 seeds 1/32 oz. 68-75°

Gloxinias are easily grown from seed. A December sowing (70° with no soil covering for best germination) carried through winter at 65° should result in good 4 and 5 inch blooming plants for June. Light shade recommended for winter, heavier shade as days become brighter. Water with care, never let plants dry out. A potting soil of 1/3 peat, 1/3 sand and 1/3 light organic soil suits the Gloxinia. Val-Peat and Jiffy Pots fit in fine here for the first transplanting.

★**Anja Egels.** Brilliant scarlet red. The flowers of good size are freely produced on compact plant. Flexible well-shaped leaf. Outstanding in that it is a solid color.

Marveille. White edged flowers of brilliant red, with flexible dark leaves. An "Improved Emperor Frederick."

Rose Sensation. Brilliant carmine rose with ivory throat, large flowers produced in abundance and flexible well shaped leaf make this one of the best. Originator's seed.

Each above 3: Trade pkt. **$2.00.**

Missile Mixed (F-1 Hybrid). An attractive mixture that runs heavily to the red but includes such interesting colors as violet, pink, carmine, salmon and white. Trade pkt. (1,000 seeds) **$4.00.**

Spotted and Stained Choice Mixture.

Swiss Emblem. (Hybrid Gigantea). Brilliant scarlet red with white margin. Originator's seed.

Each of the above 2: Trade pkt., **$1.50.**

Emperor Frederick. Dark scarlet, white margin.

Emperor William. Dark violet, white margin.

French Hybrids. A mixture of the finest varieties.

Gigantea Finest Mixed. Superb class of giant size and rich colors.

★**Vaughan's Columbian Mixture.** Our **Formula Mixture.** From the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type.

Each of the above 5: Trade pkt., (1000 Seeds) **$1.25.**

★**Velvet Queen.** Very large ruffled violet red flower, plants are compact. One of the finest. Trade pkt. (1,000 Seeds), **$4.00.**

GLOXINIA (F-1 HYBRID) MISSILE MIXED

Hollyhocks

ANNUAL 3,500 seeds oz. 68° 2-3 weeks

Triumph Supreme. Large fully double blooms in a range of interesting delicate color tones. Many are attractively fringed and frilled. We suggest treating this as an annual—sown indoors in February and set out in Spring, you will have bloom the same Summer. 1/8 oz., **60c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

PERENNIAL 3,500 seeds oz. 68° 2-3 weeks

A well-known popular perennial. 4 to 5 ft.

Chater's Double Separate Colors.

Deep Rose (Carmine rose)	**Scarlet** (Blood Red)
Lilac Beauty	**White**
Newport Pink (Deep Rose)	**Yellow**

Chater's Prize Double Mixed.

Each of above. 1/8 oz., **40c;** 1/4 oz., **65c;** 1/2 oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Hunnemannia

ANNUAL 7,000 seeds oz. 68° 2-3 weeks

Sunlite. Double bright canary-colored flowers. Gray-green foliage. A good cutflower item. 2 ft.
1/4 oz., **60c;** 1/2 oz., **$1.05;** oz., **$1.80;** 4 oz., **$5.40.**

Iberis (Hardy Candytuft)

See page 11

Incarvillea

PERENNIAL 6,000 seeds oz. 68° 1-2 weeks

Grandiflora Brevipes. Large brilliant crimson rose flowers, 2 ft. 1/16 oz., **65c;** 1/8 oz., **$1.15;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00.**

Impatiens

See Page 24.

Kale Flowering

ANNUAL 12,800 seeds oz.

Large fringed leaf in various color tones that include ivory, rose, green as well as deep purple. In late Fall and early Winter this plant is at its best. Sow in early July for a brilliant display as a winter pot plant.
1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.10;** 1/2 oz., **$2.00;** oz., **$3.30.**

Kochia

ANNUAL 30,800 seeds oz. 68-86° 1-2 weeks

Childsii (Summer Cypress).
1/2 oz., **35c;** oz., **55c;** 4 oz., **$1.50;** lb., **$4.50.**

Ipomoea

ANNUAL 650 seeds oz. 68-86° 1-3 weeks

Showy annual climbing vines of easy culture. Recommend growing in soil of low-fertility taking care not to over-water. To insure a profusion of bloom, pot or band seedlings about 1 week after germination to avoid transplanting shock. Cracking seed coat with a knife may increase and assist germination.

Noctiflora (Moonflower). White seeded.
1/2 oz., **40c;** oz., **70c;** 4 oz., **$2.00.**

★**Clarke's Early-Flowering Heavenly-Blue.** The improved clear blue early-flowering strain. Fine pot plant item. Sow in 4 inch pots and stake. Flowers when about 2 ft. high (6 weeks). 1/2 oz., **40c;** oz., **75c;** 4 oz., **$2.20.**

★**Pearly Gates.** A large flowered satiny white, with a creamy shading in the throat. Reaches 12 feet with luxurious foliage.
1/4 oz., **35c;** 1/2 oz., **60c;** oz., **$1.00;** 4 oz., **$3.00.**

★**Scarlett O'Hara.** Flowers are a carnelian red, sometimes called carmine, about 3 1/2 inches across. Stays open longer than other sorts. Foliage is quite distinct, each leaf having one large and two small side lobes.
1/4 oz., **40c;** 1/2 oz., **70c;** oz., **$1.10;** 4 oz., **$3.25.**

Be sure to include the **INSTANT GLAMOUR** varieties when placing your order for bedding plants. All are much in demand.

WHITE

PINK

ORANGE

IMPATIENS—For Pots and Shady Areas.

ANNUAL 65,000 seeds oz. 70-75° 3-4 weeks.

Impatiens, the ideal bedding plant for shaded locations, an excellent pot plant as well. For spring bedding plants or combination use, sow in January, transplant into 2¼ or 3 inch Val-peat pots or paks. August 1st sowing will give blooming 4 inch pots for Christmas sales.

Impatiens like heat and moisture, suggest 70° minimum for best germination results and keep moist. Full germination takes 3 to 4 weeks. Very sensitive to low temperatures, lack of moisture and darkness.

F-1 HYBRID IMPATIENS

Our new "Imp" Series combines earliness, freedom of bloom with dwarf compact habit and richness of color.

White Imp. Purest white.

Scarlet Imp. Vivid Red.

Carmine Imp. Flowers of intense deep rose-carmine and contrasting green leaf. A new distinct color in Impatiens.

Imp Hybrids. A formula blend that includes the above as well as salmon, orange and other colors not yet released.

Each of the above 4: 1/128 oz., **$3.15;** 1/64 oz., **$6.50;** 1/32 oz., **$11.50.**

Snowflake. The first snow-white Impatiens from seed. Like all whites, it is a bit more difficult to germinate than other Impatiens.
1/128 oz., **$2.50;** 1/64 oz., **$4.35;** 1/32 oz., **$7.50;** 1/16 oz., **$13.50.**

Dwarf Impatiens

The "Baby" strain has been selected for its dwarf compact habit, rich color tones, abundance of bloom and low spreading habit.

White Baby. Pure white flower with clear green leaf. Plant habit, flower size and color similar to Pixie White. White Impatiens is more difficult and slower to germinate.
1/128 oz., **$2.00;** 1/64 oz., **$3.70;** 1/32 oz., **$6.75;** 1/16 oz., **$12.35;** 1/8 oz., **$23.50;** 1/4 oz., **$44.75;** 1/2 oz., **$82.50;** oz., **$150.00.**

Orange Baby. Uniform and flat variety with bright orange-scarlet flower. Green foliage.

Pink Baby. The delicate pink flower blends well with the darker shades. Color and habit comparable to Pink Sprite. Green foliage.

Scarlet Baby. Bright scarlet with rich bronze-green leaf and dark stem.

Instant Glamour **Baby Mixed.** A well-balanced blend of popular colors in this newest dwarf strain.

Each of the above 4: 1/128 oz., **$1.50;** 1/64 oz., **$2.60;** 1/32 oz., **$4.70;** 1/16 oz., **$8.50;** 1/8 oz., **$15.60;** 1/4 oz., **$28.50;** 1/2 oz., **$51.25;** oz., **$85.00.**

Beauty of Klettgau. Brilliant fire-scarlet red changing to deep salmon-orange. Compact plant, green leaf.

Blaze. Bright orange-scarlet with contrasting deep bronze leaf. Plants of dwarf spreading habit.

Each of the above 2: 1/128 oz., **90c;** 1/64 oz., **$1.65;** 1/32 oz., **$3.00;** 1/16 oz., **$5.50;** 1/8 oz., **$10.00;** 1/4 oz., **$18.50;** 1/2 oz., **$33.25;** oz., **$55.00.**

SCARLET

Tall Impatiens

Tall Varieties Choice Mixed. A bright mixture that includes shades of lilac, carmine, salmon pink and scarlet. 9 to 12 in. 1/64 oz., **45c;** 1/32 oz., **85c;** 1/16 oz., **$1.50;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** 1/2 oz., **$9.00;** oz., **$15.00.**

Kalanchoe

ANNUAL 14,000 seeds 1/64 oz. 68° 1-2 weeks

A showy dependable plant of great brilliance much in demand for the house.

Although the normal flowering season is January or February, plants can be had in flower for Christmas from a January sowing. Shade 4 weeks starting September 1. Recommend 60° minimum nights. Requires good air circulation.

★**Brilliant Star.** Flowers three times the size of ordinary varieties, a rich fiery red with dark green foliage. Compact growth. Ideal for pots or as cutting material.
Trade pkt. (2000 seeds), **$1.20;** 1/128 oz., **$2.20;** 1/64 oz., **$3.85;** 1/32 oz., **$7.00.**

Tom Thumb. Perfectly rounded symmetrical plants covered with small bright scarlet flowers. Trade pkt. (2000 seeds), **$1.50;** 1/128 oz., **$3.50;** 1/64 oz., **$6.60;** 1/32 oz., **$12.00.**

★**Vulcan** (35,000 seeds 1/64 oz.) An Improved Tom Thumb. Extra large flowers, bright red color with sturdier growth. Preferred by most growers over Tom Thumb.
Trade pkt. (2000 seeds), **$1.25;** 1/128 oz., **$3.50;** 1/64 oz., **$6.50;** 1/32 oz., **$12.00;** 1/16 oz., **$20.00;** 1/8 oz., **$36.00.**

★**Yellow Darling.** The flower of a strong lemon-yellow combined with foliage of shining green make it a perfect plant for flower combinations when used with the dwarf red Kalanchoe, Primula or Saintpaulia. 6 in.
Trade pkt., (500 seeds), **$1.50.**

Lantana

ANNUAL 1,300 seeds oz. 68-86° 6-7 weeks

A showy annual bedding plant. Most satisfactory where summer heat is excessive. Sow early and give bottom heat.

Dwarf Mixed. 1 ft.
1/8 oz., **65c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60;** 4 oz., **$10.75.**

Annual Larkspur

ANNUAL 8,500 seeds oz. 54° 3-4 weeks

Larkspur does not germinate well in hot weather and we recommend chilling seed for several days in an ice box (45°-50°) if sowing must be made in summer heat.

For growing under glass to follow late Mums, we recommend a planting in late December to early January, and band or pot the seedlings. Plants are spaced 10 x 10 in. on raised benches and grown at 45°-50°.

Direct ground sowing will bring Larkspur into crop in early spring. From an August 15th to September 15th sowing, seedlings will be of sufficient size to winter over if given a light mulch. Another method is to sow seed in late October to November so it will not germinate until early the following spring. Care should be made to select a location with good drainage.

Our revised listing includes only those colors that have proven satisfactory under varied growing conditions. All are base branching, except the Giant Hyacinth Flowered. 2 to 3 ft.

White. Purest white.

Pink. Brilliant pink on salmon.

Deep Rose. Long stemmed deep rose.

Salmon Pink. Soft salmon pink.

Salmon Rose. True salmon.

Lilac. Clear lilac.

Medium Blue. Azure blue.

Dark Blue. Deep violet blue.

Carmine. Deep carmine rose.

Formula Mixture. Blended from separate colors.

Each of the above; 1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.60;** 4 oz., **$5.25;** lb., **$16.00.**

Improved Giant Hyacinth Flowered. Each plant produces one long hyacinth-like spike. A non-branching Larkspur that is early and non-shattering. Sow in November-December for an April cut or directly outdoors when frost is out of ground. 4 x 5 in. spacing is recommended.

Mixed. A **formula-blend** in a full range of color. 1/8 oz., **60c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$10.00.**

Lobelia

ANNUAL 725,000 seeds oz. 68-86° 2-3 weeks

Brilliant blues lacking in other plants can be found in the Lobelia. Recommend their use in semi-shaded locations and for plant combinations. Height 4-5 in.

Blue Gown. Clear deep blue, without eye, fine compact habit.

Crystal Palace Compacta. Dark violet blue, dark bronzy-green foliage. Outstanding for pots, combinations or in the garden border.

Cambridge Blue. Light blue with green foliage.

Mrs. Clibran Improved. Deep blue with large white eye, light foliage. Free flowering, compact habit, fine for pots and border planting.

Rosamond. Rich carmine-red with white eye. A novel color that has become a garden favorite. The habit is dwarf and compact. Ideal for edging or in the rock garden.

White Lady (Snowball Improved). Glistening pure white.

Each of the above 6: 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$3.75;** 4 oz., **$11.25.**

PENDULA. Trailing in habit, readily adaptable to rock gardens or for use in hanging baskets.

Sapphire. Deep navy-blue, white eye.
1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.15;** 1/2 oz., **$2.05;** oz., **$3.50;** 4 oz., **$10.50.**

PERENNIAL 725,000 seeds oz. 68-86° 3-4 weeks

Cardinalis. (Cardinal Flower). Rich, fiery cardinal flowers. Needs moist shady location. 36 in.
1/64 oz., **50c;** 1/32 oz., **90c;** 1/16 oz., **$1.50;** 1/8 oz., **$2.70;** 1/4 oz., **4.50;** 1/2 oz., **8.00;** oz., **$13.50.**

Lupinus

ANNUAL 1,300 seeds oz. 68° 2-3 weeks

HARTWEGII GIANTS OR KING LUPINUS. For a spring cutflower crop in 3 inch pots, sow in January. Space close and flower one spike to a plant. 3 ft.
For April-May cutflowers, sow August-September, space 8 x 8 inches on raised bench.

King Mixed. Includes shades of blue, heliotrope and pure white. 1/4 oz., **30c;** 1/2 oz., **55c;** oz., **$1.00;** 4 oz., **$3.00.**

Subcarnosus Texensis (Texas Blue Bonnet). Dwarf blue. 12 inches. oz., **$1.00;** 4 oz., **$3.00;** lb., **$9.00.**

PERENNIAL 1,500 seeds oz. 68° 2-3 weeks

POLYPHYLLUS. Likes cool weather. Requires a well-drained location. Finefor cutting.

Russell. Most unusual colors and color combinations. The flowerettes are much larger than the other Polyphyllus varieties. 1/8 oz., **40c;** 1/4 oz., **65c;** 1/2 oz., **$1.15;** oz., **$2.20;** 4 oz., **$6.60;** lb., **$20.00.**

Nitragin. For inoculating Lupin seed. **Garden size 25c.**

GLITTERING, GLAMOUROUS, PROFIT-BRINGING BEAUTIES

With the introduction of the new "Gold Coin" Series, a successful program for forcing has been established—one that insures blooming plants in pots for early Spring sales—approximately 6 weeks from sowing to selling.

We suggest seed be sown in mid-February in the greenhouse. Successive sowings may be made to insure marketable plants over a long period. Maintain a night temperature of 65 degrees fahrenheit. Immediately on emergence limit day length to 9 hours by the use of Chrysanthemum cloth. When two true leaves have formed, prick off into 3 inch peat pots and continue to limit day length to 9 hours for a total of 30 days. At this point cloth may be removed and plants marketed as soon as desired.

Close examination of the growing tips will reveal the tiny buds, even at this early stage. Development continues to normal bloom in the pot along with a corresponding increase in plant size.

These newest F-1 Hybrids are perfectly uniform, plants of a variety all respond at exactly the same rate, given equal growing conditions, making it possible to bring along marketable plants in weekly succession if so desired.

So well does the "Gold Coin" Series respond to these new forcing techniques, it is possible to sell budded or blooming plants early—from April 15 on—and assure customer of a spectacular display throughout the entire season—not restricted to blooming in late Summer or early Fall.

MARIGOLD F-1 HYBRIDS

The New "GOLD COIN" Series

The full-double blooms of "Gold Coins" are held well above the foliage. Sturdy plants, remarkable as cutflowers, with heavy bloom and absolute uniformity. 3 ft.

Doubloon. Light yellow.

Sovereign. Rich golden yellow.

Double Eagle. Light orange.

Instant Glamour

"Gold Coins" Mixed. Includes all the above in just the right proportions. **Each above 4:** 1/64 oz., **85c;** 1/32 oz., **$1.50;** 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.00;** 1/2 oz., **$14.50;** oz., **$25.00.**

Tall Marigolds for Cutting

Double Fistulosa

An especially fine tall branching strain bearing enormous flowers of the quilled type. We consider this a fine long-stemmed cutflower strain.

★**All Double Orange.** Comes almost 100% full-double.

★**All Double Lemon.** Identical to the above except for its rich lemon yellow color.

Each of the above: ⅛ oz., **35c;** ¼ oz., **60c;** ½ oz., **$1.05;** oz., **$1.80;** 4 oz., **$5.50;** lb., **$17.00.**

Peony Flowered (Gigantea)

Strong growing plants 3½ ft. tall, huge ruffled, tightly petaled blooms resembling large peony flowers.

Crackerjack. Uniformly large, full-double 4-5 in. blooms, freely produced on long strong stems. A full range of Marigold colors including primrose yellow, gold and orange. A formula blend which insures perfect color balance. Early flowering. 3 ft. ⅛ oz., **55c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Chrysanthemum Flowered

Compact flowers with petals tightly incurved, 2½ to 3 inches across, on plants 2 to 3 ft. high. In appearance they resemble the large greenhouse grown Mum.

Glitters. Soft clear yellow flower; rich dark green foliage. ⅛ oz., **55c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Goldsmith. Rich golden-orange. Early enough for our northern garden.
⅛ oz., **40c;** ¼ oz., **70c;** ½ oz., **$1.25;** oz., **$2.20;** 4 oz., **$6.60.**

Mammoth Mum. The largest in this group. Light sulphur yellow.
⅛ oz., **55c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Chrysanthemum Flowered Hybrids (Mission Giants) Mixed. A well-balanced mixture, from deep golden orange to clear lemon yellow.
⅛ oz., **35c;** ¼ oz., **60c;** ½ oz., **$1.05;** oz., **$1.80;** 4 oz., **$5.50.**

Spun Gold. An early medium dwarf of compact bushy growth. Large double blooms, incurved petals of bright golden-yellow and foliage of medium green. Similar in type to the "Cupids" but earlier and a more profuse bloomer. Combines well with blue. Excellent for mass effect, borders, flat and combinations. 12 in. 1/16 oz., **65c;** ⅛ oz., **$1.15;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00.**

ANNUAL 10,000 seeds oz. 68-86° 1-2 weeks

African Doubles—For Backgrounds and Cutting

A spring crop of cutflower Marigolds will prove most profitable. Sown in the greenhouse in January-February, grown single stem, space 4 x 5 inches and disbud to one flower. Fine double Marigolds will be ready for an April-May cut.

While the Double Fistulosa and Carnation flowered types are recommended for this purpose, we urge you include some of the Chrysanthemum Flowered sorts for variety. Be sure to include the Climax Marigolds. Their giant yet graceful flowers will be certain to attract attention. Include some of the "Gold Coin" Marigolds illustrated and described on page 26.

Carnation Flowered

The loosely ruffled broad petaled flower, 3 inches or more across, is borne on 2 to 2½ ft. branching plants. Nearly 100% double.

Guinea Gold. Orange flushed gold.

Real Gold. Golden orange illumined with yellow. Free flowering.

Yellow Supreme. Loose frilled creamy yellow petals.

Each the above 3: ⅛ oz., **35c;** ¼ oz., **60c;** ½ oz., **$1.05;** oz., **$1.80;** 4 oz., **$5.50.**

Man-in-the-Moon. Full-double ruffled pale moon-yellow flower. Excellent for cutting.
⅛ oz., **40c;** ¼ oz., **70c;** ½ oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00.**

Vaughan's Helps You Sell Bedding Plants

Vaughan's "Instant Glamour" program of the 40 best flowers and vegetables for bedding plant sales again this year points the way to successful selling for you. See the story on the inside front cover and look for the identifying "Instant Glamour" symbol next to variety listings throughout this book. And now the new "Glamour Tags" are an added sales help. Read about these wonderful new full color tags on page 1.

Climax Marigolds F-1 Hybrids

Full double, giant globular blooms averaging 5 in. and more across. Long graceful stems, an excellent cutflower. A true F-1 hybrid, they are more free flowering and vigorous than ordinary strains. 2½-3 ft.

Golden Climax. Deep golden yellow.

Primrose Climax. Clear soft tones of creamy primrose yellow.

Toreador. (Bronze Medal All America 1960). Rich orange.

Yellow Climax. Bright yellow.

Climax Mixed. Our own formula blend which includes all the above. Lush green foliage provides the perfect foil for the rich color tones. Exceptionally fine cutflower.

Each of the above 5: 1/64 oz., **85c;** 1/32 oz., **$1.50;** 1/16 oz., **$2.50;** ⅛ oz., **$4.50;** ¼ oz., **$8.00;** ½ oz., **$14.50;** oz., **$25.00.**

Bedding Plants for Shade. Begonias, (pages 7-8) Coleus (pages 18-19) and Impatiens (page 24).

Dwarf Marigolds for Bedding

PETITE MARIGOLDS

ANNUAL 10,000 seeds oz. 68-86° 1-2 weeks

Dwarf Marigolds

For bedding and combinations, the Dwarf Marigold is among the most showy and useful. They are practically disease resistant and being easy to handle the home gardener likes them. Have plenty for your early spring "pak" and "flat" sales. Florists near cemeteries will find ready sale for them.

Allow about eight weeks from sowing to the start of your selling season.

Petite Strain

Extra dwarf, uniformly even, early and free flowering. "The Petites" are becoming more and more popular. Retaining their dwarf habit under the most adverse conditions. Petites are ideal for borders and mass effect. Particularly desirable for the pak or flat grower. Earliness insures flowers in full bloom at time of sale. 6 in.

Petite Gold. **Petite Spry.** **Petite Orange.**
Petite Yellow. **Petite Harmony.** **Petite Formula Mixed.**

Each of the above: ⅛ oz., **55c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00;** lb., **$27.00.**

Double Dwarf French

Brownie Scout. Rich golden yellow with a fleck of red at the base. Free blooming. Retains dwarf compact habit under the most trying conditions.

Butterball. Scabiosa-like flower of canary yellow. Early and continuous bloomer. 6 to 10 inches.

Color Magic. An unusually striking blend of colors from red to golden yellow with many bicolor combinations red, bronze, orange and gold. Full-double, very large flowers averaging 2½ inches across. Compact plant. 10 in.

Extra Dwarf Harmony. Color of Spry, with dwarfer habit.

Harmony. Bright golden yellow, rich maroon-red border.

Lemondrop. Canary Yellow. Early, profuse bloomer. 9 in.

Rusty Red. Large fully double flowers averaging 2 inches across of rich rusty red, delicately edged golden yellow.

Spry. Light yellow crested center, guard petals of rich mahogany red.

Sunkist. Scabiosa-like flowers of solid deep golden orange. Very dwarf and compact. 9 in.

Tangerine. A distinct shade of bright tangerine-orange. Full-double flowers. Early continuous bloomer. 12 in.

Each of the above 10: ⅛ oz., **35c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Instant Glamour

★Dwarf Master Blend.® An extra dwarf strain. Early and free flowering, blooming while plants are very small. A good range of Marigold colors. We recommend this to the flat grower because its earliness permits flowers in full bloom at time of sale. Ideal for edgings and combinations. 6 in. ⅛ oz., **55c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4oz., **$9.00;** lb., **$27.00.**

Single Dwarf French

Dainty Marietta. Dwarf compact plant, larger than average flower composed of 5 or 6 overlapping petals of soft golden yellow with a contrasting blotch of rich maroon at base of petal.

Flash. Bright color combinations ranging from vivid red through bronze and yellow. In most flowers a base color of tangerine is overlaid with rich marigold-red. 18 in.

Naughty Marietta. Golden yellow flowers with mahogany base. Very showy. Free flowering.

Red Head. Crested center of golden petals edged maroon is surrounded by a single row of broad petals of rich mahogany. Compact, dwarf plant. 1 ft.

Sunny. Cheerful bright yellow flower with attractive wavy edged petals. Blooms freely produced over a long season. 15 in.

Each of the above 5: ⅛ oz., **35c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00.**

Mexican Marigold

(Signata Pumila)

For Pots and Edging

Ursula. A free flowering strain. The ⅞ inch florets are a bright golden orange with a brighter orange zone and eye. For border, edgings and rockery.

Lulu. Very compact dome shaped plant growing 7 inches tall. Completely covered with dainty single florets in pleasing shade of bright canary yellow without zone but with small dark eye.

Each of the above 2: 1/16 oz., **40c;** ⅛ oz., **70c;** ¼ oz., **$1.20;** ½ oz., **$2.15;** oz., **$3.60.**

★Cupid Marigolds

An ordorless foliaged African type Marigold of dwarf compact habit. Large mum-like blooms cover the plant. Can be had in flower in 3 inch pots when plants are but 4 to 6 inches tall. For flat sales recommend early February sowing. 8 to 10 in.

Cupid Yellow **Cupid Golden** **Cupid Orange**

Cupid Mixed. A formula blend of the above.

Each of the above: 1/16 oz., **55c;** ⅛ oz., **$1.00;** ¼ oz., **$1.75;** ½ oz., **$3.15;** oz., **$5.00;** 4 oz., **$15.00.**

For earliest bedding plant sales—Marigold Dwarf Master Blend and Zinnia Thumbelina.

Marvel of Peru

ANNUAL 325 seeds oz. 68-86° 2-3 weeks

Mixed. The "old-fashioned" Four O'Clock in a range of color that is bright and interesting.
oz., **40c;** 4 oz., **$1.10;** lb., **$3.30.**

Matricaria

PERENNIAL 145,000 seeds oz. 68-86° 2-3 weeks

Ultra Double White. A select Florist Strain with flowers so double it closely resembles the quality usually obtained from cuttings. Pure white, ball-shaped flowers on compact plants. 2 ft. 1/32 oz., **$1.10;** 1/16 oz., **$2.00;** 1/8 oz., **$3.30;** 1/4 oz., **$6.00;** 1/2 oz., **$10.80;** oz., **$18.00.**

Golden Ball. Striking double golden yellow. 8 in. 1/16 oz., **60c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00.**

Double White Select. A good strain of double and semi-double flowers. The yellow center is more noticeable in this selection. 1/32 oz., **40c;** 1/16 oz., **70c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00.**

Mesembryanthemum

ANNUAL 100,000 seeds oz. 68° 1-3 weeks

Criniflorum (Livingstone Daisy). The plants are literally covered with one-inch flowers of the most delightful shades. Need full sun and lots of water. 6 in. 1/16 oz., **55c;** 1/8 oz., **95c;** 1/4 oz., **$1.70;** 1/2 oz., **$3.00;** oz., **$5.00.**

Mignonette

ANNUAL 30,000 seeds oz. 54° 2-3 weeks
Sow in January for Spring cutting.

True Machet. Vaughan's Selected Stock. Fragrant. The finest greenhouse strain. 1/8 oz., **35c;** 1/4 oz., **60c;** 1/2 oz., **$1.10;** oz., **$1.80;** 4 oz., **$5.40.**

Mimosa

ANNUAL 4,500 seeds oz. 54-90° 3-4 weeks

Pudica. (Sensitive Plant).
1/8 oz., **50c;** 1/4 oz., **85c;** 1/2 oz., **$1.50;** oz., **$2.50;** 4 oz., **$7.50.**

Myosotis (Forget-Me-Not)

PERENNIAL 42,000 seeds oz. 68° 2-3 weeks

ALPESTRIS. Exquisite sprays of flowers produced in abundance.

Indigo Blue. (Royal Blue). 12 in.
1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$3.75.**

ALPESTRIS VICTORIA. Dwarf bushy globular plants, bearing a profusion of large flowers. Attains a height of 5 to 7 inches.

Indigo Blue. Rosea. Sky-blue. White. Mixed.

Each of the above 5: 1/16 oz., **55c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.85;** 1/2 oz., **$3.30;** oz., **$5.50.**

Palustris Semperflorens. Dwarf, blue, in flower from early spring until autumn, 1 ft.
1/16 oz., **40c;** 1/8 oz., **65c;** 1/4 oz., **$1.10;** 1/2 oz., **$2.00;** oz., **$3.30.**

Nasturtium

ANNUAL 175 seeds oz. 68° 1-2 weeks
Excellent for cutting. Long stemmed fragrant blossoms, richly colored.

DOUBLE GLEAM TYPE. Vigorous grower for greenhouse cutting and window box. Climbing or trailing.

Golden Gleam. Yellow.

Orange Gleam. Orange.

Mahogany. Dark Mahogany-red.

Scarlet Gleam. Very brilliant.

Glorious Gleam Hybrids. Wonderful range of color.

Each of the above 5: oz., **50c;** 4 oz., **$1.50;** lb., **$4.50;** 5 lbs., **$20.25.**

DOUBLE DWARF TYPE. Plants of dwarf, compact growth are covered with blooms that are fully as large and double as the Gleam type.

Dwarf Jewel Mixed. Carrying its flowers well above the foliage, this "jewel" is an improvement over existing strains. Single line selections of brilliant colors blended in just the right proportion.
Oz., **50c;** 4 oz., **$1.50;** lb., **$4.50.**

Cherry Rose. Very bright. Carries flowers well above the foliage.

Golden Globe. Yellow. **Globe of Fire.** (Scarlet Gem).

Gem Mixed. Excellent color range.

Each of the above 4: oz., **55c;** 4 oz., **$1.65;** lb., **$5.00;** 5 lbs., **$22.50.**

SINGLE VARIETIES. 240 seeds oz. 12 in.

Dwarf Mixed. Includes all the colors in this type.
oz., **40c;** 4 oz., **$1.20;** lb., **$3.60;** 5 lbs., **$16.25;** 10 lbs., **$32.50.**

Nemesia

ANNUAL 90,000 seeds oz. 55° 2-3 weeks

Carnival Mixed. (Dwarf). A full-color mixture with large flowers on base branching compact plants. Very bright. Fine for pots and combinations. 9 in. 1/16 oz., **50c;** 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50.**

Nierembergia

ANNUAL 5,300 seeds 1/32 oz. 68-86° 2-3 weeks

Purple Robe Improved. The rich violet blue color is deeper than that of the original and the plants more dwarf and compact. This reselected strain does not fade under hot weather conditions. 1/128 oz., **55c;** 1/64 oz., **$1.00;** 1/32 oz., **$1.75;** 1/16 oz., **$3.25;** 1/8 oz., **$5.85;** 1/4 oz., **$9.75.**

NASTURTIUM DWARF JEWEL MIXED

Nicotiana

ANNUAL 200,000 seeds oz. 68-86° 2-3 weeks

Affinis. White, sweet-scented. 32 in.
1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50.**

★**Crimson Bedder.** Rich deep crimson.
1/8 oz., **45c;** 1/4 oz., **75c;** 1/2 oz., **$1.35;** oz., **$2.25;** 4 oz., **$6.75.**

★**Daylight.** The white blooms remain fully open during even the most brilliant sunshine. The plants are of very bushy habit, reaching a height of 1 1/2 to 2 feet. An abundance of pure white flowers fragrant.

★**Sensation Mixture.** A brilliant color range. Bright scarlet, crimson, rose, mahogany, violet, yellow, coral, lilac and white. Blooms remain open during the daytime.

Each above 2: 1/8 oz., **55c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4oz., **$9.00.**

Pansies For Bedding

ANNUAL 24,000 seeds oz. 55-90° 2-3 weeks.

Pansies now vie with Petunias in importance as spring bedding plants. This popularity is due to improvements in strains in recent years, and newer methods of culture. The home gardener likes the Pansy—have plenty for early spring sales. Basically there are two methods of culture, either will assure your having strong healthy plants in bloom early.

Mid-winter sowing, late November through January. When seedlings are of a size to handle, transplant to small flats or "paks" and grow on cool, 50 degrees, and be assured of blooming plants for earliest sales. Six blooming pansy plants in a Vaughan Val-Pac container is something the home gardener will find hard to resist.

Summer sowing, early August, has for many years been the accepted time to start pansies. Spaced 4 x 6 inches in a cold frame, given winter protection, loose straw, perhaps, plants will be well established before winter sets in. Here again blooming plants are available early in Spring.

PANSY SWISS BLUE

Outstanding Pansy Mixtures

Vaughan's Swiss Master Blend. Another Vaughan "Pansy First." A brilliant array of color. Strong stems, large flowers of a rich velvety texture, slightly ruffled at the edge. Our own formula blend in proper proportions insures perfect color balance.
1/32 oz., **$1.25;** 1/16 oz., **$2.25;** 1/8 oz., **$4.15;** 1/4 oz., **$7.50;** 1/2 oz., **$13.50;** oz., **$22.50.**

Vaughan's Super Swiss Giant Mixture. Our most popular bedding Pansy. Large flowers, thick overlapping petals of good substance, brilliant colors, strong stems, make this outstanding for cutting or bedding.
1/32 oz., **$1.00;** 1/16 oz., **$1.80;** 1/8 oz., **$3.30;** 1/4 oz., **$6.00;** 1/2 oz., **$10.80;** oz., **$18.00;** 4 oz., **$54.00.**

Vaughan's Super Maple Leaf "Canadian Giants" Mixture. A distinct selection out of Maple Leaf Giants. Rich dark green foliage, flowers of gigantic size and substance, good stems and a beautiful color range. Plants of compact, sturdy growth.
1/32 oz., **90c;** 1/16 oz., **$1.60;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** 1/2 oz., **$9.00;** oz., **$15.00;** 4 oz., **$45.00.**

Roggli Elite Mixed. Recommended for its large flower and uniformity of color and habit. Predominately red tones many attractively blotched flowers. We offer Introducer's Imported Seed.
1/32 oz., **$2.00;** 1/16 oz., **$3.65;** 1/8 oz., **$6.60;** 1/4 oz., **$12.00;** 1/2 oz., **$21.50;** oz., **$36.00.**

Pansy F-2 Hybrid

Masquerade. An early American grown strain with Jumbo type flowers of good size and substance. About ten days earlier than Color Carnival. Light colored blooms in many interesting and unusual colors and shades, all beautifully blotched. Plants are vigorous and compact. Very free flowering.
1/32 oz., **$2.00;** 1/16 oz., **$3.65;** 1/8 oz., **$6.60;** 1/4 oz., **$12.00;** 1/2 oz., **$21.50;** oz., **$36.00.**

Color Carnival (F-2 Hybrid). An American strain of exceptional quality and substance. Swiss Giant type blooms on strong vigorous plants. The magnificent color range, heavy in red and scarlets, is further enhanced with rich blues. All flowers attractively blotched.
1/32 oz., **$2.00;** 1/16 oz., **$3.65;** 1/8 oz., **$6.60;** 1/4 oz., **$12.00;** 1/2 oz., **$21.50;** oz., **$36.00.**

New "Glamour Tags" Help Bedding Plant Sales

Wouldn't you like to have gleaming white plant tags with variety names and color pictures printed right on them to identify your plants to retail customers? Well, that's what Vaughan's is offering you. See Page 1 for details!

PANSY SWISS CORONATION GOLD

Separate Colors

Alpenglow (Swiss). Rich wine-red dark blotch.

Berna. (Swiss). Dark violet-blue.

Blue. (Swiss). (Ullswater, Thuner Sea). Rich ultra-marine blue, dark blotches.

Coronation Gold (Swiss). Pure golden yellow.

Delft Blue. Porcelain (China) blue.

Firebeacon. (Swiss). Wallflower-red with dark center.

Monch. (Swiss). Pure yellow, early flowering.

Rhinegold (Swiss). Canary-yellow with dark blotches.

White. (Swiss). Creamy white, yellow eye.

Each of the above 9: 1/16 oz., **$1.25;** 1/8 oz., **$2.25;** 1/4 oz., **$4.00;** 1/2 oz., **$7.50;** oz., **$13.50;** 4 oz., **$40.00.**

Giant Orange. Pure orange shading to apricot.

Paper White. Pure paper-white small yellow eye.

Pay Dirt. Large golden yellow with dark rays. Resistant to Summer heat.

Raspberry Rose. (Swiss). Soft pink with a contrasting blotch of a deeper velvety tone.

Each of the above 4: 1/32 oz., **90c;** 1/16 oz., **$1.60;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** 1/2 oz., **$9.00;** oz., **$15.00;** 4 oz., **$45.00.**

PANSY COLOR CARNIVAL

Amsterdam Giant. An early free flowering strain showing great resistance to heat. Bright colors, large flowers. A favorite on the East Coast.
1/16 oz., **95c;** 1/8 oz., **$1.75;** 1/4 oz., **$3.25;** 1/2 oz., **$5.85;** oz., **$10.00;** 4 oz., **$30.00.**

★**Jumbo Mixed.** Extra large and early; long stemmed flowers. An outstanding favorite in the South.
1/32 oz., **90c;** 1/16 oz., **$1.60;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** 1/2 oz., **$9.00;** oz., **$15.00;** 4 oz., **$45.00.**

Vaughan's Long Stemmed Winter Flowering Mixed. A tall growing long stemmed winter greenhouse pansy. Large blooms in an exceptional range of color. Sow in late summer for mid-winter bloom. Not for bedding.
1/32 oz., **90c;** 1/16 oz., **$1.60;** 1/8 oz., **$2.75;** 1/4 oz., **$5.25;** 1/2 oz., **$9.50;** oz., **$16.00;** 4 oz., **$48.00.**

Popular Pansy Mixtures

America. Medium sized blooms. A wide range of bright colors. Free flowering, extra early dwarf for Spring bedding.
1/16 oz., **90c;** 1/8 oz., **$1.75;** 1/4 oz., **$3.25;** 1/2 oz., **$5.85;** oz., **$10.00;** 4 oz., **$30.00.**

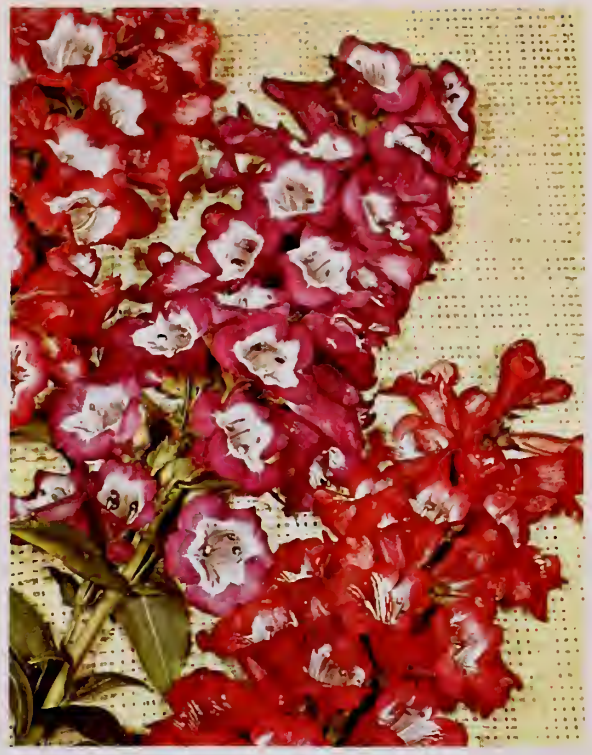
Clear Crystals. Flowers of good size, slightly smaller than Swiss, freely produced on neatly rounded compact plants. A bright mixture that includes blues, red, purple, lilac, yellow and white—all without blotches. Clear Crystals has a long season of bloom and shows a tendency to withstand temperature extremes.
1/16 oz., **$1.00;** 1/8 oz., **$1.80;** 1/4 oz., **$3.30;** 1/2 oz., **$6.00;** oz., **$11.00;** 4 oz., **$33.00.**

Engelmann's Giant Mixture. Dark and light shades, immense flowers, compact plant. Early flowering.
1/16 oz., **90c;** 1/8 oz., **$1.60;** 1/4 oz., **$2.65;** 1/2 oz., **$4.80;** oz., **$9.00;** 4 oz., **$33.00;** lb., **$100.00.**

Oregon Giants (Originator's Strain). Delicately fragrant large ruffled flowers in a range of bright colors. Long stems, luxuriant foliage.
1/32 oz., **$1.00;** 1/16 oz., **$1.80;** 1/8 oz., **$3.30;** 1/4 oz., **$6.00;** 1/2 oz., **$10.80;** oz., **$18.00.**

Show Mixture (F-1 Hybrid). Larger flowered and earlier to bloom than the inbred varieties. Plants flower freely under adverse weather conditions. Showing resistance to hot weather, these new F-1 Hybrids bloom well into Summer in full sun and still retain good flower size. Grown cool, plants will be in flower when quite small. A formula-blend in a good range of color. For finest blooms, we recommend handling as you would Double Petunias.
1/32 oz., **$6.00;** 1/16 oz., **$10.50;** 1/8 oz., **$20.00;** 1/4 oz., **$38.50;** 1/2 oz., **$73.50;** oz., **$140.00.**

PANSY F-1 SHOW MIXTURE



PENTSTEMON SENSATION MIXED

Pentstemon

ANNUAL 55,000 seeds oz. 68-80° 2-3 weeks

These attractive tubular or bell-shaped flowers produced on good strong spikes make very fine plants that are exceptionally good for bedding and border planting. Although perennial in warmer climate, they are easily grown as annuals. Sow seed early and treat as other annual bedding plants. From a March sowing of seed, plants were in full flower in our Trials early in July.

★**Sensation.** The most brilliant and varied colors; many of them are beautifully edged with a fine contrasting color. 2 ft.
1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00;** 4 oz., **$12.00.**

PERENNIAL 15,000 seeds oz. 68-86°
Slow and uneven to germinate.

Perennial Varieties Mixed. Very hardy.
1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00;** 4 oz., **$12.00.**

All Double Petunias For Pots—Bedding—Combinations

Sow "Doubles" earlier than ordinary strains to have for sale at the same time. For "flat" or "pak" sales, allow 12 to 15 weeks from sowing to sale date—depending on your market needs. In Chicago, sow no later than December 15 for 3 inch for May combinations. January 1 sowing, grown cool, 50°, will insure strong 3 inch for late May. Well shaped plants with several blooms in 4 to 5 inch for April and May pot plants, or 3 inch for March, result from seed sowing not later than November 15.

Like all other Petunias—"Doubles" need good drainage and cool temperatures. Dwarf habit of growth is lost if grown too high. 55° is ideal.

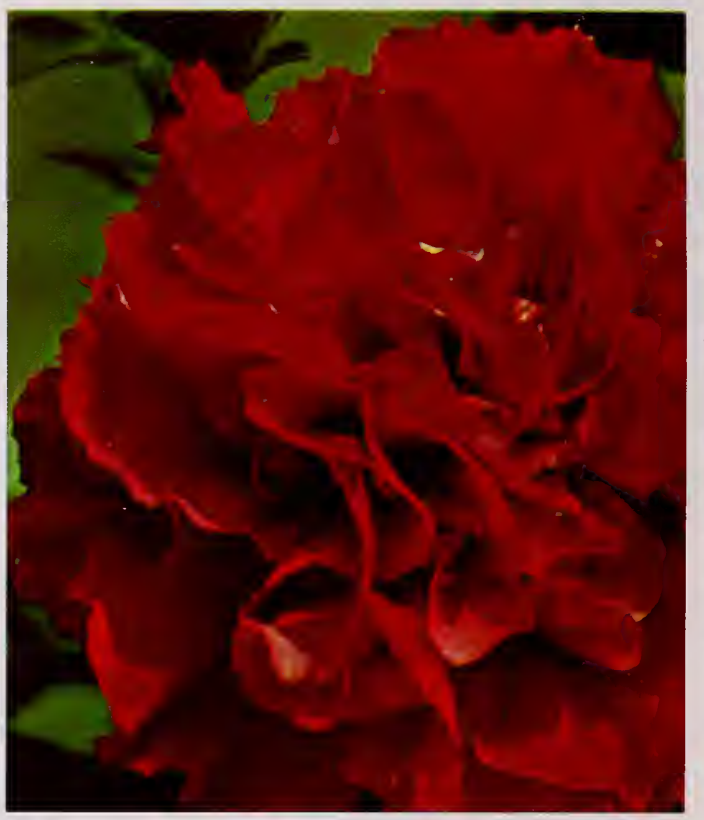
Three and four inch pots of "Doubles" are ideal for May combinations.

There is a ready sale in "paks" or "flats"—6 or 12 plants to the "pak" is much in demand.

As a "Come-on" for the early shopper in March and April, offer 3 inch blooming pots. Resulting sales will surprise and please.

"Doubles" in 2¼ to 3 inch Val-Peat Pots find ready sale. An open flower or a bud showing color is your best sales aid. Vaughan's "Glamour Tags" with their color illustrations are eye-appealing. Details of these new tags will be found on page 1. The quality of the peat pot grown Petunia is outstanding and is sure to bring back the ever satisfied customer.

Heavy three to five inch pots are in demand for Mother's Day.



PETUNIA CORAL DELIGHT

PETUNIA DELIGHT MIXED

Double Multifloras—The Dependable Bedding Petunia

The dwarf compact plants are completely covered with medium sized full-double carnation flowered type blooms. A "must" for the bedding plant grower—equally important for use in pots and combinations. Because of their dependable performance and beauty, these carnation-like flowers are gaining favor everywhere.

Delights—to the Eye and the Cash Register!

Instant Glamour

Coral Delight. A new color in Double Petunias. A rich deep salmon that holds up well under the most adverse weather conditions. Outstanding for its doubleness and freedom of bloom.

Instant Glamour

Delight Mixed. Our own formula blend in a wide range of colors that includes shades and color tones found in no other mixture. Dwarf compact plants covered with medium-sized bloom.

Each of the above 2: ½ Trade pkt. (500 seeds), **$1.65;** Trade pkt. (1000 seeds), **$2.90;** 1/128 oz., **$5.00;** ⅛ oz., **$9.25;** 1/32 oz., **$17.75;** 1/16 oz., **$34.00;** ⅛ oz., **$64.50;** ¼ oz., **$122.75.**

PETUNIA STRAWBERRY TART

★**America Improved.** Rich rose-pink, coming uniformly double.

Cardinal. Glowing bright scarlet-red. The first scarlet-red in the Double Petunias. A much needed color—a profuse bloomer.

★**Cherry Tart.** The bright rose-pink color becomes vividly alive by its sharply contrasting pure white variegation.

Instant Glamour **Honey Bunch.** Soft rich salmon pink.

Peppermint. Dark pink candy-cane striped on light pink.

PETUNIA PEPPERMINT

Pink Riches. Free flowering medium pink.

Plum Double. The rosy-lavender of Sugar Plum in its "double" form. Free flowering.

Instant Glamour **Strawberry Tart.** A delightful combination of strawberry red with pure white.

White Riches. Carnation-like flowers of purest white. For mass effect or use where contrast is wanted. Combines well and lends a beauty all its own.

Each the above 9: ½ trade pkt. (500 seeds), **$1.65;** Trade pkt. (1000 seeds), **$2.90;** 1/128 oz., **$5.00;** 1/64 oz., **$9.25;** 1/32 oz., **$17.75;** 1/16 oz., **$34.00;** 1/8 oz., **$64.50;** ¼ oz., **$122.75.**

PETUNIA ALL DOUBLE LYRIC

All Double Grandiflora Petunias

Handle as you would the Multifloras, same sowing and temperature. Grandiflora Doubles in 3 and 4 inch pots are much in demand in May for combinations and cemetery work. Most break rapidly, but Sonata and Minuet respond best to one pinch.

Wide range of color, flower size and plant habit make it important that you have a well rounded selection. Vaughan's "Instant Glamour" Petunia listing includes the finest and most popular sorts.

BICOLORS

Attraction. Brightest carmine-rose and white combination. Price Code **F.**

★**Gaiety.** Light rose-red with white ground. Lighter in tone than Attraction. Price Code **F.**

Presto. Variegated rose and white. The double version of Single Grandiflora Crusader. Price Code **E.**

BLUE, LAVENDER and PURPLE

Blue Monarch (Blue Brocade Improved). True violet-blue. Price Code **F.**

Minuet. Orchid-lavender. A bit taller than others, should be pinched. Price Code **E.**

Nocturne. Midnight purple flower. Dwarf compact plant. Price Code **E.**

CRIMSON

Rhapsody. Fringed flowers of deep burgundy wine-purple. Uniformly dwarf compact plant. Price Code **E.**

PINK and ROSE

★**Caprice.** Medium sized bright rose-pink flowers. We consider this one of the finest "pinks." Price Code **E.**

Glorious Shades of Rose. Rich shades of rose, from lightest pink to deepest rose. Giant double blooms, vigorous compact plant. 4 or 5 inch pot plants much in demand for Easter, Mother's Day and spring combinations. Price Code **G.**

★**Rosy Carmine Improved.** Bright rose. Very popular among growers. Price Code **F.**

SALMON

★**Allegro.** Deep salmon. Very early. Something special for Mother's Day when grown in 6 inch pots. Price Code **E.**

★**Lyric.** Soft salmon pink lightly veined. Compact habit, exceptionally large full-double flower. Price Code **E.**

WHITE

★**Sonata.** Extra large pure white flower. Responds best to a single pinch. Price Code **E.**

White Swan. (Pure White Improved—Snowball). One of the largest flowered doubles. Well fringed white blooms. Price Code **F.**

MIXTURES

Canadian Mixture. A fine blend of full double flowers in a range of color that includes rose, pink, salmon, white and mauve. Price Code **G.**

Glorious Mixture. A formula-blend from separate colors of all the Pan-American varieties. Be sure to transplant both large and small seedlings for a complete range of color. Pinch the taller plants for better branching. Price Code **E.**

Double Dwarf Giant Fringed Mixed (Victorious—Japanese). Included in our mixture of the Japanese varieties are separate colors that insure a better balanced color range. Price Code **F.**

Instant Glamour

Vaughan's All Double Dwarf Master Blend. We consider this the finest All Double Mixture. Blended from a special formula, it contains all the important and popular florist colors in just the right proportions—all carefully selected for height uniformity, color demand and bloom time. We recommend transplanting **all,** not just the stronger plants. Price Code **E.**

PRICE CODE	½ Tr. Pkt. (500 seeds)	Trade Pkt. (1000 seeds)	1/128 oz.	⅛4 oz.	½32 oz.	1/16 oz.	⅛ oz.	¼ oz.
E	**$3.00**	**$5.00**	**$9.00**	**$17.25**	**$32.80**	**$62.50**	**$119.00**	**$226.50**
F	**2.25**	**4.00**	**6.50**	**12.00**	**22.00**	**40.00**	**75.00**	**142.00**
G	**2.35**	**4.25**	**7.60**	**13.75**	**26.25**	**51.00**	**95.50**	**181.00**

For More Petunia Profits

Since the introduction of the F-1 Hybrid Petunia, sales of this popular Annual have skyrocketed. Always a leader—Petunias are now "first" among the bedding and pot plant annuals from seed.

You can't help but have the finest when you grow F-1 Hybrids. Good sized flowers, compact plants, bright colors, freedom of bloom over a long season, to mention a few of its qualities, are responsible for its increased interest. Combine these with its hybrid vigor (the result of many years of plant breeding) and you have the finest strain of Petunias available.

F-1 HYBRID GRANDIFLORAS. These have the largest and showiest of flowers in the F-1 Hybrids. There is nothing finer for pot and pak sales, use in combinations or as a bedding plant. Our "Instant Glamour" varieties are outstanding and leaders in their class.

SOW SEED in mid-November and have good blooming plants of the F-1 Hybrid Grandifloras in 4 inch for Easter and through April. 3 inch plants can be had in flower by May 1 from a mid-December sowing while January 1 sowing insures good 3 inch plants for Decoration Day. From an early March sowing, grown at 50°, good pak or flat grown plants can be had for May bedding plant sales.

F-1 Hybrid Grandifloras

The large flowers average 3½ to 4 inches across with a plant spread of 20 to 24 inches. Most are well fringed, a few so gracefully ruffled it adds to the attractiveness of the rich flower colors. Vigorous growers, very free flowering. 12 to 15 in.

WHITE

***Aristocrat Improved.** An early pure white with well fringed flowers on dwarf compact plant. The yellow throat providing an interesting color contrast. **A**

La Paloma. Gracefully fringed pure white with yellow throat. **A**

Snow Cap Improved. Pure white. A dwarf, compact and vigorous plant covered with large pure white flowers averaging 3½ inches in size. Very showy and quite early. **B**

Snow Lady. An early flowering, well fringed pure white. Dwarf compact plant. Very early. **B**

"Instant Glamour" Petunias are marked*

Snow Magic. Shimmering white, slightly taller than White Magic but more free flowering. **A**

White Cascade. Purest paper white. **A**

***White Desire.** A paper-white of exceptional size. Early and very free flowering. Illustrated on page 00. **A**

White Magic. A popular free flowering early white. Profuse bloomer. **A**

CRIMSON

Matador (Toreador). Ruffled flowers of solid deep velvety crimson-red. **A**

Sugar Daddy. Pencilled orchid-purple. See page 38. **A**

PETUNIA F-1 APPLEBLOSSOM

***Appleblossom.** All America Bronze Medal 1965. Soft appleblossom pink. Compact plants producing in abundance gracefully fringed pastel blooms from early spring until frost. Flowers blush from very light to intense salmon pink. Introduces Seed.
½ Trade pkt. (500 seeds), **$2.00;** Trade pkt. (1000 seeds), **$3.70;** 1/128 oz., **$6.70;** 1/64 oz., **$12.75;** 1/32 oz., **$24.25;** 1/16 oz., **$46.25;** 1/8 oz., **$88.00;** ¼ oz., **$168.00.** Introducers Seed.

PRICE CODE	½ Tr. Pkt. (500 Seeds)	Trade Pkt. (1000 Seeds)	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	¼ oz.	½ oz.	Oz.
A	**$1.65**	**$2.90**	**$5.00**	**$9.25**	**$17.75**	**$34.00**	**$64.50**	**$122.75**	Write for Special Quotation	
B	**1.10**	**2.00**	**3.50**	**6.00**	**11.00**	**20.00**	**36.00**	**65.00**		

We have coded the prices of our F-1 Hybrid Petunias. Letter following variety description corresponds to coded price above.

PETUNIA F-1
SCARLET DESIRE

PETUNIA F-1 CALYPSO

F-1 HYBRID GRANDIFLORA PETUNIAS

*__Desire Series.__ A "new" Petunia of exceptional size and earliness. The earliest of the F-1 Grandifloras. Rich clear colors, outstanding for use in pots, containers or for mass effect in the garden. The "Desires" show great resistance to adverse weather conditions and will not fade in hot sun. We've illustrated them in color on our front cover.

Pink Desire. Clear bright pink. **A**

Rose Desire. True rose. **A**

Salmon Desire. Clear soft salmon. **A**

Scarlet Desire. The brilliant scarlet-red combines well with White. **A**

White Desire. Paper-white. Largest flowered of all. **A**

Bicolors

***Calypso.** Brilliantly variegated scarlet and white. **A**

Cavalier. The salmon-white counterpart of Crusader. Nicely fringed flowers. **A**

Crusader. Gaily striped rose pink on white. **A**

Fandango. Huge flowers of rich violet-blue and white.

Minstrel Improved. Large blooms of white marked with rich blue. A distinct combination. **B**

Sabre Dance. Bright crimson with white star. **A**

Bingo Improved. Wine-red and white bicolor. **A**

Salmon

For Prices See Page 35

Appleblossom. Light pink to light salmon pink. **A**

Ballerina. Soft glowing salmon. Sunproof. **A**

Coral Magic. Deep salmon pink. **A**

Fairyland. Fringed flowers of light salmon-pink. **B**

Maytime. The light salmon-pink flower is so large they literally cover the plant. **A**

***Salmon Desire.** Clear soft salmon. **A**

Salmon Lustre. Rich salmon pink, large ruffled blooms. Free flowering. Blooms throughout the entire season. **A**

Instant Glamour "Petunias" are marked *

PRICE CODE	½ Tr. Pkt. (500 seeds)	Trade Pkt. (1000 seeds)	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	¼ oz.	½ oz.	Oz.
A	**$1.65**	**$2.90**	**$5.00**	**$9.25**	**$17.75**	**$34.00**	**$64.50**	**$122.75**		
B	**1.10**	**2.00**	**3.50**	**6.00**	**11.00**	**20.00**	**36.00**	**65.00**		
										Write for Special Quotation

We have coded the prices of our F-1 Hybrid Petunias. Letter following variety description corresponds to coded price above.

F-1 HYBRID GRANDIFLORA PETUNIAS

Red and Scarlet

Fire Dance. Deep scarlet with contrasting throat of rich gold. **A**

Fire Gleam. Medium sized fringed flowers of a vivid salmon-scarlet. **B**

Red Cascade. Fiery bright scarlet-red. **A**

***Red Ensign.** Considered the best of the deep scarlet-reds in the plain edged group. One of the finest for general use. **B**

Scarlet Lustre. Brilliant scarlet-red high-lighted by a rich yellow throat. **A**

Tango Improved. Moderately ruffled 3½-4 inch flowers of brilliant scarlet-red. Luxurious green foliage. **A**

***Scarlet Desire.** Brilliant scarlet-red. **A**

BLUE and PURPLE

Blue Lace. Light orchid-blue pencilled with a deeper violet-blue. **A**

Blue Lustre. Large waved blooms of deep violet blue produced in great profusion on compact low-growing plants. Retains plant habit throughout the entire growing season. **A**

Blue Magic. Rich violet blue flowers, compact plants with contrasting foliage. **A**

Blue Mantle. Ruffled flowers of rich violet blue. Blooms are well displayed on the dwarf, yet erect, plants. **B**

***Capri.** The finest "true blue" in the F-1 Grandiflora Petunias. No trace of violet in this new blue Petunia. Compact, free branching and early. Flowers average 3-3½ inches. A color long needed in the grandiflora group. **A**

Lavender Lace. Rosy-orchid lavender, pencilled with a deeper tone. **A**

Serenade. Rich violet-blue with contrasting cream-white stamens. **A**

Sky Magic. (New). Light heavenly blue. Large flowered, plain edged, the first silvery sky-blue Petunia. **A**

Instant Glamour "Petunias" are marked *

PRICE CODE	½ Tr. Pkt. (500 seeds)	Trade Pkt. (1000 seeds)	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	¼ oz.	½ oz.	Oz.
A	**$1.65**	**$2.90**	**$5.00**	**$9.25**	**$17.75**	**$34.00**	**$64.50**	**$122.75**	Write for Special Quotation.	
B	**1.10**	**2.00**	**3.50**	**6.00**	**11.00**	**20.00**	**36.00**	**65.00**		

We have coded the prices of our F-1 Hybrid Petunias. Letter following variety description corresponds to coded price above.

PETUNIA F-1
SALMON DESIRE

PETUNIA F-1 SUGAR DADDY

F-1 HYBRID GRANDIFLORA PETUNIAS

Cascade Series. Developed to answer the need of a large flowered Petunia for window and porch boxes, hanging baskets and large containers of annuals. Early and free flowering.

Fandango. Violet-blue and white bicolor. **A**

Pink Cascade. Clear pink with yellow throat. **A**

Red Cascade. Fiery bright scarlet-red. **A**

Sugar Daddy. Pencilled orchid-purple. **A**

White Cascade. Glistening white. **A**

Cascade Mixed. A formula blend that includes all the above. **A**

PINK and ROSE

Chiffon. Shades of silvery pink. **A**

Flirt. Clear light pink. **B**

Maestro. Bright rose-red accented by a soft gold throat. **A**

Pink Cascade. Bright clear pink with light yellow throat. **A**

Pink Cheeks. Pink, shading to deep pink lobes, large white throat. **A**

Pink Desire. A clear bright pink that does not fade. **A**

Instant Glamour Petunias are marked *

Pink Lace. Fringed flowers gracefully veined in shades of pink. **A**

Pink Magic. An early free flowering bright pink. **A**

Prima Donna Improved. Warm rose pink. Earlier and more free flowering than the original introduction. **A**

Rose Desire. True rose. Does not fade. **A**

Ballet Mixed. Our own "formula blend" which includes all the F-1 Grandifloras in just the right proportions. An outstanding mixture of colors. **A**

PRICE CODE	½ Tr. Pkt. (500 seeds)	Trade Pkt. (1000 seeds)	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	¼ oz.	½ oz.	Oz.
A	$1.65	$2.90	$5.00	$9.25	$17.75	$34.00	$64.50	$122.75	Write for Special Quotation.	
B	1.10	2.00	3.50	6.00	11.00	20.00	36.00	65.00		

We have coded the prices of our F-1 Hybrid Petunias. Letter following variety description corresponds to coded price above.

The F-1 Hybrid Multifloras

ANNUAL 280,000 seeds oz. 68° 1-2 weeks

Only in size of flower does the F-1 Hybrid Multiflora Petunia differ from her F-1 Hybrid Grandiflora sister. Medium sized blooms are produced in great profusion and literally cover the entire plant. Brilliant color tones, earliness, freedom of bloom over a long season, as well as compact plant habit make the F-1 Hybrid Multiflora particularly adaptable to bedding plant sales.

Use them in combinations where their brilliant color tones will stand out. For "mass effect" or use in the border, they are unexcelled.

Don't overlook potting a few in 3's for the late June buyer.

Increase your bedding plant sales with the F-1 Hybrid Multiflora Petunias. Have them available in good quantity. We offer only varieties that have proven by actual test their ability to withstand the most trying conditions.

Pink and Rose

Cherokee. A warm mid-rose. Very free flowering. **C**

***Dawn Satin.** Soft light pink. A delicate color tone. **C**

Inca. Deep rose-red with a gold throat. A sharp color for contrast. **C**

***Pink Satin.** Intense rose-pink with white blotch in throat. **C**

Venus. Clear rose-pink. Dwarf spreading plants. **C**

Sugar Pink. Candy-cane pink penciled on white. **C**

Salmon

Coral Satin. Masses of coral-rose blooms, deeper and more intense in color than Peach Satin. Very free flowering, as are all the Satins. **C**

Linda. Delicate light salmon-pink. Extra dwarf and weather resistant. **C**

Peach Satin. Soft coral changing to soft salmon pink. **C**

Sioux. Deep salmon-rose. In color midway between Linda and Comanche. **C**

Crimson

Mars. Velvety blood red. **C**

Sugar Plum. Bright orchid-pink pencilled and shaded orchid-purple. Blends well in combinations. **C**

Instant Glamour "Petunias" are marked *

Cream Yellow

Brass Band. Attractive deep cream-yellow. Very free flowering. Holds up well under our difficult middle west conditions. **C**

Moonglow. Rich creamy yellow. Dwarf compact habit; very free flowering. A rich color that combines well with blue. **C**

White

Paleface. Pure white with a creamy throat. **C**

White Satin. Purest white. The earliest to bloom of the Multifloras. **C**

Blue

Blue Ribbon. Deep violet blue. Except for a larger plant habit, has all the fine characteristics found in The Satins. Considered the best blue in the Multiflora group. **C**

Mercury. The light yellowish throat enhances the soft blue color tone. **C**

Neptune. Medium violet blue. **C**

Red

Aztec. Bright red with gold throat. Very free flowering. **C**

Comanche Improved. Deep scarlet-red. Dwarf, compact and a profuse bloomer. **C**

***Red Satin.** Brilliant scarlet-red. Does not fade. **C**

***Starfire.** Scarlet and white variegated. Brighter than Glitters with a richness of color tone heretofore missing in the F-1 Multifloras. Weather tolerant, Starfire is recommended for borders and group plantings where a splash of color is desired. **C**

PRICE CODE	½ Tr. Pkt. (500 Seeds)	Trade Pkt. (1000 Seeds)	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	¼ oz.	½ oz.	Oz.
C	**$1.15**	**$2.10**	**$3.35**	**$6.15**	**$11.25**	**$20.50**	**$39.00**	**$ 74.35**	Write for Special Quotation	
D	**1.35**	**2.50**	**4.50**	**8.00**	**15.50**	**30.00**	**57.00**	**108.00**		

We have coded the prices of our F-1 Hybrid Petunias. Letter following variety description corresponds to coded price above.

PETUNIA PINK SATIN

PETUNIA WHITE SATIN

PETUNIA RED SATIN

PETUNIA F-1 Hybrid Multiflora

Bicolors

Meteor. A new scarlet and white bicolor. Dwarf free flowering, maintaining its sharply defined colors over a long season.
½ Trade pkt. (500 seeds), **$1.35;** Trade pkt. (1000 seeds), **$2.40;** 1/128 oz., **$4.40;** 1/64 oz., **$8.00;** 1/32 oz., **$15.25;** 1/16 oz., **$29.00;** 1/8 oz., **$55.00;** ¼ oz., **$105.00.**

Comet. Crimson red with a bright and sharply defined white star. **C**

Glitters. Distinct white stripe on a rich red background. A brilliant color combination. **D**

Polaris. Violet-blue with contrasting white star. **C**

Satellite. Bright rose with clean white star. A brilliant color combination. **C**

Star Master. Deep violet ground with purest white star. Very even. Early and free flowering. **C**

Star Trophy. Uniform white stars on rich blue ground. Good flower size, dwarf compact plant. **C**

PETUNIA F-1 SUGAR PLUM

SATIN PETUNIAS THE SIX SMOOTHEST SELLERS

"As Smooth As Satin" is truly descriptive of these beautiful Petunias. Heavy textured flowers, lustrous rich color tones and freedom of bloom and dwarf compact habit make "The Satins" the most desired of the F-1 Multifloras. The flowers of the Satin Series come back quicker than other Multifloras after the rains. You can't go wrong with "The Satins."

Satin Petunia Collection. 1 each 6 trade pkts. (1000 seeds each color), Coral Satin, Dawn Satin, Peach Satin, Pink Satin, Red Satin, White Satin, for **$9.50.**

Coral Satin. Masses of coral-rose blooms. **C**

Dawn Satin. Soft light pink, a very delicate color. **C**

Peach Satin. Soft coral changing to soft salmon pink. **C**

Pink Satin. Intense rose-pink with white blotch deep in throat. **C**

Red Satin. Brilliant scarlet-red, does not fade in hot sun. **C**

White Satin. Purest white. The earliest of the white Multifloras to bloom. **C**

PRICE CODE	½ Tr. Pkt. (500 Seeds)	Trade Pkt. (1000 Seeds)	1/128 oz.	1/64 oz.	1/32 oz.	1/16 oz.	1/8 oz.	¼ oz.	½ oz.	Oz.
C	**$1.15**	**$2.10**	**$3.35**	**$6.15**	**$11.25**	**$20.50**	**$39.00**	**$ 74.35**	Write for Special Quotation	
D	**1.35**	**2.50**	**4.50**	**8.00**	**15.50**	**30.00**	**57.00**	**108.00**		

We have coded the prices of our F-1 Hybrid Petunias. Letter following variety description corresponds to coded price above.

Large Single Giants

PETUNIA F-1 CAN CAN

For Bedding and Pots

Strong free flowering plants. Large flowers averaging 3 to 4 inches across, many plain edged, others ruffled and fringed, all of heavy substance and velvety texture. Much in demand for pot and general garden use. 12 to 16 in.

★**Dwarf Elk's Pride.** Velvety violet. Customers will find our strain vastly superior to quality usually offered. It is really "reselected." 1/128 oz., **$1.25;** 1/64 oz., **$2.25;** 1/32 oz., **$4.15;** 1/16 oz., **$7.55;** 1/8 oz., **$13.75;** 1/4 oz., **$25.00;** 1/2 oz., **$45.00;** oz., **$75.00.**

★**Fluffy Ruffles.** Large flowers, finely fringed and ruffled. A balanced blend of pinks, white, salmon, deep rose and light blue. Outstanding in our Trials.
1/128 oz., **$1.25;** 1/64 oz., **$2.25;** 1/32 oz., **$4.15;** 1/16 oz., **$7.55;** 1/8 oz., **$13.75;** 1/4 oz., **$25.00;** 1/2 oz., **$45.00;** oz., **$75.00.**

★**Fringed Snowstorm.** Pure glistening white flowers with a slight tinge of yellow in the throat. Blooms are deeply fringed. Breaks nicely to produce a compact plant. Ideal for pots and bedding. 1/128 oz., **$1.25;** 1/64 oz., **$2.25;** 1/32 oz., **$3.75;** 1/16 oz., **$6.75;** 1/8 oz., **$12.00;** 1/4 oz., **$22.00;** 1/2 oz., **$40.00;** oz., **$80.00.**

Little Giants Mixed. A brilliant and gay mixture. Large fringed and ruffled flowers cover the dwarf erect growing plants. Colors range from red to pink and red and white combinations. 1/128 oz., **85c;** 1/64 oz., **$1.55;** 1/32 oz., **$2.75;** 1/16 oz., **$5.00;** 1/8 oz., **$9.00;** 1/4 oz., **$16.00;** 1/2 oz., **$28.75;** oz., **$48.00.**

★Extra Dwarf California Giants F-1 Hybrid

Can Can Mixed. An extra early strain. Hybrid vigor assures you the plants are more uniformly compact and dwarf; flowers larger and colors more brilliant. Will not burn out. Truly an outstanding strain. 1/2 Trade pkt. (500 seeds), **$2.75;** trade pkt. (1000 seeds), **$4.50;** 1/128 oz., **$8.50;** 1/64 oz., **$16.00;** 1/32 oz., **$29.60;** 1/16 oz., **$58.00** 1/8 oz., **$110.00.**

F-2 Grandiflora

Carnival. A wide color range in vigorous grandiflora type, about 80% of the blooms being large and fringed, waved and ruffled. Seed is from specially selected and bred varieties of F-1 Petunias from which it obtains plant vigor, habit and freedom of bloom.
1/128 oz., **$1.35;** 1/64 oz., **$2.40;** 1/32 oz., **$3.85;** 1/16 oz., **$7.00;** 1/8 oz., **$12.00;** 1/4 oz., **$21.00;** 1/2 oz., **$37.75;** oz., **$63.00.**

Popcorn. Pure white flower, dwarf compact plants which retain habit through season.
1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00;** 1/16 oz., **$9.50;** 1/8 oz., **$18.00;** 1/4 oz., **$33.00;** 1/2 oz., **$60.00;** oz., **$100.00.**

★**Snow Storm Improved.** (White Cloud). Flowers are the purest white and the uniformity of the dwarf compact growth is marvelous.
1/128 oz., **$1.25;** 1/64 oz., **$2.25;** 1/32 oz., **$4.15;** 1/16 oz., **$7.55;** 1/8 oz., **$13.75;** 1/4 oz., **$25.00;** 1/2 oz., **$45.00;** oz., **$75.00.**

Ruffled Giants with Large-Veined Throats

Tall "giants" averaging 5 to 6 inches in diameter. Heavily ruffled, deep throated blooms. A free flowering mixture of light and dark shades. Particularly suited to outdoor growing where they provide brilliant color under the most adverse conditions.

Giants of California Mixed. This is a most superb mixture, not at all to be compared with the seed usually offered. 1/128 oz., **$1.00;** 1/64 oz., **$1.65;** 1/32 oz., **$3.00;** 1/16 oz., **$5.50;** 1/8 oz., **$10.00;** 1/4 oz., **$18.25;** 1/2 oz., **$33.00;** oz., **$60.00.**

★Dwarf California Giants

Despite the popularity of the newer F-1 Hybrid Petunias, the "Dwarf Giants" are still the favorites of the home gardener and those requiring the unusual in pot plants or combinations. Large deep throated ruffled giants in colors that are bright and clear. Dwarf compact plants that lend themselves to a variety of uses. Offer heavy 3 inch for Mother's Day (sow about December 15) and have blooming 3 inch for May bedding sales from a January sowing.

MASTER BLEND®

Vaughan's Master Blend.® We consider this our finest strain of "Dwarf Giants," whether it be for pots or bedding. Giant flowers on dwarf plants. In bloom when plants are small, salables are quickly produced. A formula-blend of seed from specially selected plants to which are added new colors from the workshop of the hybridizer, not yet released, such as Rose, Copper and Pinks, none of which will be found in any other strain. Bushy 12 inch plants, large ruffled blooms. Warm color tones predominate.

Dark Selection. A favorite with many growers and it has given universal satisfaction.

Extra Dwarf Giants of California. A specialists' selection bred to fill the needs of the pot plant grower. The color range is being constantly enlarged. Considered the finest of the "Dwarf Giants" for spring pots.

Each of the above 3: 1/2 Trade pkt. (1000 seeds), **$1.50;** Trade pkt. (2000 seeds), **$2.50;** 1/64 oz., **$4.00;** 1/32 oz., **$8.25;** 1/16 oz., **$15.00;** 1/8 oz., **$27.50;** 1/4 oz., **$50.00;** 1/2 oz., **$90.00.**

PETUNIA POPCORN

PETUNIA F-2 STAR DUST MIXED

F-2 Dwarf Petunias

The Improved Bedding Strain

The F-2 Petunias are rapidly superseding the open pollinated varieties with which they should be compared as in all instances they will be found superior in hybrid vigor and trueness to color.

Celestial Rose Improved. Bright rose-pink. A fine strain for pots and bedding.

Glow. Flowers of dazzling carmine rose averaging 2½ inches in size. A colorful, free flowering variety for mass effect in the garden.

Silver Blue. This soft silver blue replaces the popular Sky Chief. Shows a definite tendency to resist fading under hot weather conditions.

Snowball Improved. Good sized flowers, compact plants and freedom of bloom over a long season have combined to make this the finest of the "bedding whites."

Twinkles. Hybrid vigor and trueness to color have been bred into this brilliant rose flower with its well defined white star.

Each of the above 5: 1/32 oz., **55c;** 1/16 oz., **$1.00;** 1/8 oz., **$1.65;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00;** 4 oz., **$33.00.**

Fire Chief. Brilliant scarlet-red, very free flowering over a long season. A popular retail color. 1/64 oz., **55c;** 1/32 oz., **$1.00;** 1/16 oz., **$1.75;** 1/8 oz., **$3.00;** 1/4 oz., **$5.00;** 1/2 oz., **$9.00;** oz., **$15.00;** 4 oz., **$45.00.**

F-2 Dwarf Mixtures

The F-1 Hybrid varieties used in thse mixtures are planted and harvested as separate colors and then carefully blended to insure perfect color balance. Uneven plant habit, so often found in even the finest of Bedding Mixtures, is eliminated by the use of the F-2 Mixture. 15 to 18 in.

Colorama. Uniformly large blooms, compact even habit, very free flowering. A complete range of color from white to deepest blue and red, some starred combinations.
1/32 oz., **55c;** 1/16 oz., **$1.00;** 1/8 oz., **$1.75;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$8.00;** 4 oz., **$24.00;** lb., **$72.00.**

Star Dust Mixed. A carefully selected blend of F-2 starred varieties. Colors are bright and varied, ranging from soft pink to deepest rose as well as blues and violet. Star markings are distinct, plant habit and growth exceedingly uniform. 1/32 oz., **$1.30;** 1/16 oz., **$2.35;** 1/8 oz., **$4.25;** 1/4 oz., **$7.50;** 1/2 oz., **$13.50;** oz., **$22.50.**

Dwarf Bedding Petunias

Dwarf compact free flowering plants, medium sized plain edged single flowers. Our list includes the "tried and true" favorites much in demand by the bedding plant grower. We have not included the F-1 Hybrid Multifloras which are in a class by themselves. 12 to 16 in.

Admiral, Extra Reselected. Dwarf clear blue of good size and even compact growth. 1/128 oz., **85c;** 1/64 oz., **$1.50;** 1/32 oz., **$2.75;** 1/16 oz., **$5.00;** 1/8 oz., **$9.50;** 1/4 oz., **$17.00;** 1/2 oz., **$30.50;** oz., **$50.00.**

Blue Bedder. An early flowering mid-blue.
1/16 oz., **55c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.65;** 1/2 oz., **$3.00;** oz., **$5.00;** 4 oz., **$15.00;** lb., **$45.00.**

Elk's Star. The blue-purple of Howard's Star uniformly marked with pure white star. Combines well with Rosy Morn both for height and interesting color arrangement.
1/64 oz., **$1.10;** 1/32 oz., **$2.00;** 1/16 oz., **$3.50;** 1/8 oz., **$6.00;** 1/4 oz., **$10.00;** 1/2 oz., **$18.00;** oz., **$30.00.**

King Henry (Dwarf Flaming Velvet). Rich velvety blood-red. Very free flowering. Excellent pot variety.
1/64 oz., **$1.40;** 1/32 oz., **$2.50;** 1/16 oz., **$4.55;** 1/8 oz., **$8.25;** 1/4 oz., **$15.00;** 1/2 oz., **$27.00;** oz., **$45.00.**

Rosy Morn Select. Pink with white throat.
1/16 oz., **60c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.75;** 1/2 oz., **$3.15;** oz., **$5.50;** 4 oz., **$16.00;** lb., **$48.00.**

Vaughan's Special Dwarf Mixture. Our own "formula-blend" which includes all the varieties listed. Free flowering, bright colors. 1/16 oz., **60c;** 1/8 oz., **$1.00;** 1/4 oz., **$1.75;** 1/2 oz., **$3.15;** oz., **$5.50;** 4 oz., **$16.00;** lb., **$48.00.**

PETUNIA F-2 COLORAMA

Phlox Drummondi

ANNUAL 15,000 seeds oz. 68° 2-3 weeks.

A showy bedding annual more popular than ever. Neat compact habit, freedom of bloom and ability to withstand heat combine in making the Phlox valuable bedding and border material. Bright attractive colors.

The neat, compact plant habit of the dwarf sorts make them especially valuable for use in combinations or as small pot plants. Grow some of our Dwarf Master Blend and you'll find ready sale in 3's or 4's. Handle as you would Petunias, sowing at the same time.

GRANDIFLORA 15 to 18 in. These make fine cutflowers.

Vaughan's Special Annual Mixture. A formula blend that includes all the popular color tones. 1/8 oz., **55c;** 1/4 oz., **$1.10;** 1/2 oz., **$2.00;** oz., **$3.25;** 4 oz., **$10.00;** lb., **$30.00.**

Cuspidata Mixed. (Star of Quedlinburg). A mixture of star-shaped flowers. A good range of color. 1/8 oz., **55c;** 1/4 oz., **$1.10;** 1/2 oz., **$2.00;** oz., **$3.25;** 4 oz., **$10.00;** lb., **$30.00.**

Gigantea Art Shades. Soft pastel color tones, all with white eye. Large individual florets. 1/16 oz., **40c;** 1/8 oz., **75c;** 1/4 oz., **$1.35;** 1/2 oz., **$2.40;** oz., **$4.00;** 4 oz., **$12.00;**

Glamour. Rich salmon with darker eye. The extra large blooms are borne in graceful clusters on dwarf bushy plants. Ideal for bedding and cutting. 12 in. 1/64 oz., **85c;** 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.00;** 1/2 oz., **$15.00;** oz., **$30.00.**

DWARF SORTS 6 to 8 in. Dwarf and compact, for low borders.

Vaughan's Beauty. Large flowered dwarf Phlox for pots, combinations and border. Compact, free flowering. 8 in.

Blue Beauty	**Pink Beauty**
Salmon Beauty	**Scarlet Beauty**
White Beauty	**Formula Mixed**

Each of the above: 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$16.00;** lb., **$58.00.**

Globe Mixed. Uniform, compact habit. The full plants are globe or dome shaped. Well balanced color range. Very showy. 8 in. 1/16 oz., **90c;** 1/8 oz., **$1.65;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00;** 4 oz., **$27.00.**

Twinkle. Dainty star-like flowers with pointed petals, in a wide range of color that includes solids as well as many bicolors. The dwarf compact habit of the plant and freedom of bloom make it ideal for pots, combinations and bedding. 1/16 oz., **75c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.00;** 1/2 oz., **$3.50;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$54.00.**

PHLOX DWARF MASTER BLEND

Dwarf Master Blend. Comes into flower when plants are quite small. A striking array of gay, bright colors. Early blooming for flat growers; well adapted to pot and combination work or for use in the garden border. "Our Finest Florist Strain." 1/16 oz., **75c;** 1/8 oz., **$1.30;** 1/4 oz., **$2.35;** 1/2 oz., **$4.20;** oz., **$7.00;** 4 oz., **$21.00;** lb., **$63.00.**

Phlox

PERENNIAL 2,500 seeds oz.

Recommended over-winter freezing. Sow outside in late Fall and seed will germinate in Spring. Can also be refrigerated for one month and then sown.

Divaricata. Flowers are of royal blue-lavender which varies a bit. Fragrant. 1 1/4 ft. 1/32 oz., **70c;** 1/16 oz., **$1.25;** 1/8 oz., **$2.20;** 1/4 oz., **$4.00.**

Decussata. Perennial varieties mixed. Seed germinates slowly. 1/16 oz., **55c;** 1/8 oz., **95c;** 1/4 oz., **$1.75;** 1/2 oz., **$3.15;** oz., **$5.00;** 4 oz., **$15.00.**

Philodendron

Two excellent pot plants, easily grown from seed. Seedling growth is rapid; well developed 4 to 6 inch pot plants can be had by Fall from early Spring sowing. This seed comes from a specialty supplier and is procured on order. Allow 10 days to 2 weeks for delivery.

Philodendron × Barryii. A hybrid of P. Binnatifidum × P. Selloum. Attractive oak leaf type.

Philodendron × Magnificum. A hybrid of P. Selloum and P. Eichleri. Large semi-cut leafed species. Leaves are longer and less serrated than P. Barryii.

Each above 2: 500 seeds **$5.00 net;** 1000 seeds **$9.00 net.**

Selloum. Attractive cup-shaped, hand-like leaves. Produces large specimen plants. 500 seeds **$3.50 net;** 1000 seeds **$6.00 net.**

Physalis

PERENNIAL 18,000 seeds oz. 54-90° 3-4 weeks.

Franchetti (Chinese Lantern Plant). Large bright orange scarlet pods, useful for winter decorations. 1/8 oz., **75c;** 1/4 oz., **$1.35;** 1/2 oz., **$2.40;** oz., **$4.00;** 4 oz., **$12.00;** lb., **$44.00.**

Physostegia

PERENNIAL 16,000 seeds oz. 54-90° 2-3 weeks.

Virginica. Deep rose flowers in close compact spikes. 1/16 oz., **55c;** 1/8 oz., **95c;** 1/4 oz., **$1.70;** 1/2 oz., **$3.00;** oz., **$5.00;** 4 oz., **$15.00.**

Platycodon

PERENNIAL 28,000 seeds oz. 54-90° 2-3 weeks.

Bell-like flower on graceful stem from June to September. An attractive garden perennial.

Grandiflorum Blue, 28 in. **Album White,** 28 in.

Each of the above 2: 1/16 oz., **60c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00.**

Mariesii. Dark blue, dwarf, 16 in. 1/16 oz., **70c;** 1/8 oz., **$1.30;** 1/4 oz., **$2.35;** 1/2 oz., **$4.20;** oz., **$7.00;** 4 oz., **$21.00.**

Plumbago

ANNUAL 2,000 seeds oz. 68-86° 3-4 weeks.

Capensis. Spikes of rich pale blue flowers.

100 seeds, **$1.10;** 250 seeds, **$2.75;** 1,000 seeds, **$10.00.**

Poppy and **Portulaca**
See page 44

Pyrethrum (Painted Daisies)

PERENNIAL 18,000 seeds oz. 68-86° 1-2 weeks.

An excellent source of summer cutflowers, requiring a minimum of care. Double Pyrethrum does not produce 100% double flowers—the percentage is better the second year it blooms.

Roseum James Kelway. Deep scarlet, varies.

Robinson's Dark Crimson **Robinson's Rose**

Robinson's Giant Hybrids. Extra large single flowers, long stiff stems.

Each of the above 4: 1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz. **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00.**

Double Mixed. Extra choice. 1/16 oz., **$1.00;** 1/8 oz., **$1.85;** 1/4 oz., **$3.35;** 1/2 oz., **$6.00;** oz., **$10.00;** 4 oz., **$30.00.**

Queen Anne's Lace Flower

ANNUAL 36,500 seeds oz. 68° 3-5 weeks.

Large lacy white flower heads. A good filler for baskets, 2 ft. 1/8 oz., **40c;** 1/4 oz., **70c;** 1/2 oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00.**

Portulaca—Moss Rose

ANNUAL 300,000 seeds oz. 68-86° 2-3 weeks.

A showy annual. Sow seed thinly in flats for late spring sales.

Instant Glamour

Double Finest Mixed. Double flowers resembling miniature roses. A brilliant array of color, including orchid and salmon tones. Comes practically 100% full-double.
1/16 oz., **50c;** 1/8 oz., **85c;** 1/4 oz., **$1.45;** 1/2 oz., **$2.60;** oz., **$4.35;** 4 oz., **$13.00.**

Single Jewel. A brilliant deep crimson coloring; flowers four times as large as the average. 1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$5.00;** 4 oz., **$15.00.**

Single large-flowering sorts, mixed. 1/16 oz., **30c;** 1/8 oz., **55c;** 1/4 oz., **80c;** 1/2 oz., **$1.45;** oz., **$2.70;** 4 oz., **$8.00;** lb., **$24.00.**

Rock Plants

Perennial Mixed. 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.60;** 4 oz., **$10.50;** lb., **$32.00.**

Poppy—Papaver

ANNUAL 72,000 seeds oz., 55° 1-2 weeks.

American Legion. Orange-scarlet flowers; are remarkable keepers.

Shirley (Rhoeas). **Sweet Briar.** A delightful shade of deep rosepink. The blooms are full double, resembling a very large double begonia.

Vaughan's Special Mixture of Shirley Varieties.

Each of above 3: 1/4 oz., **50c;** 1/2 oz., **90c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Shirley Double Mixed. Bright colors. 1/16 oz., **30c;** 1/8 oz., **45c;** 1/4 oz., **75c;** 1/2 oz., **$1.35;** oz., **$2.25;** 4 oz., **$6.75.**

Nudicaule (Iceland) × Poppy

PERENNIAL 448,000 seeds oz. 54° 1-2 weeks

NUDICAULE (Iceland). The best strain for Spring greenhouse forcing. Recommend seed be sown directly into beds or pots. Quick growing, showy border plant.

Giant Hybrids. Large flowers, sturdy stem and a wide range of color. Includes the finest of the Nudicaule (Iceland) Strains.
1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Oriental Poppy

PERENNIAL 150,000 seeds oz. 54° 1-2 weeks

ORIENTALE. Crinkled petals, large cup-like flower. After cutting newly opened flower in early morning or late evening, they will keep 3 to 5 days in water if stem is burned within 5 imnutes.

Orientale (Oriental Poppy). Scarlet. 3 ft.

Princess Victoria Louise. Light orange-salmon flower.

Orientale Hybrids. Our own formula-blend.

Each of the above 3: 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00;** 4 oz., **$12.00.**

Beauty of Livermere. Oxblood-red with dark blotch. 1/16 oz., **55c;** 1/8 oz., **95c;** 1/4 oz., **$1.70;** 1/2 oz., **$3.00;** oz., **$5.00;** 4 oz., **$15.00.**

Primula
See page 45

Baby Roses

Polyantha. Multitudes of tiny roses in varied and interesting colorings, largely white, blush and delicate pink. Flowers are single to fully double and more-or-less everblooming. Quickly grown from seed, may be had in flower within 3 months from sowing. For pots or window boxes, they bloom year after year with a minimum of attention.
1/128 oz., **75c;** 1/64 oz., **$1.35;** 1/32 oz., **$2.40;** 1/16 oz., **$4.25.**

Rudbeckia

PERENNIAL 7,000 seeds oz. 68-86° 2-3 weeks.

Purpurea (Echinacea). Reddish-purple flowers. 4 ft.
1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.30;** 4 oz., **$10.00.**

Ricinus—Castor Beans

ANNUAL 60 seeds oz. 68-86° 2-3 weeks
Tall large leaved plants for hedges and use as a windbreak.

Mixed. Many kinds. Oz., **35c;** 4 oz., **$1.00;** lb., **$3.00.**

Zanzibariensis (30 seeds per oz.) **Mixed.** Giant leaves. Oz., **35c;** 4 oz., **$1.00;** lb., **$3.00.**

★Saintpaulias

ANNUAL 750,000 seeds oz. 85° 3-4 weeks.

Hybrids. Flowers are in varied shades of blue, lilac and pink; the plants dwarf; bushy and compact with leaves of dark green. Trade pkt., (800 seeds) **$2.00;** 1/128 oz., **$20.00;** 1/64 oz., **$37.50;** 1/32 oz., **$68.00;** 1/16 oz., **$125.00.**

Salpiglossis

ANNUAL 125,000 seeds oz. 68-86° 2 weeks.

A summer flowering showy annual, easily grown from seed. A greenhouse sowing in January-February will provide cutflowers in May-June. Velvety textured, funnel-shaped flowers. 20 in.

Bolero Mixed. (F-2). A new strain outstanding for flower size, vigorous growth and complete range of color. Blooms profusely. 1/16 oz., **40c;** 1/8 oz., **70c;** 1/4 oz., **$1.20;** 1/2 oz., **$2.15;** oz., **$3.50;** 4 oz., **$10.50.**

Saponaria

PERENNIAL 5,500 seeds oz. 68° 2-3 weeks

Ocymoides Splendens. X. Rosy purple. For border or rockery. 1/8 oz., **40c;** 1/4 oz., **70c;** 1/2 oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00.**

Scabiosa
(Pincushion Flower)

ANNUAL 4,500 seeds oz. 68-86° 2-3 weeks.

Dwarf Mixed. 8 in. 1/8 oz., **60c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

Imperial Giants

Extremely large flowers composed entirely of broad frilled petals, arranged in a perfect ball, no "pincushion." Plants are tall and upright and bear flowers on long wiry stems. 42 to 48 in.

★**Vaughan's Super Crown Imperial Mixed.** Extremely large flowers arranged in a perfect ball. An excellent range of color. 1/8 oz., **40c;** 1/4 oz., **65c;** 1/2 oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Scabiosa

PERENNIAL 2,000 seeds oz. 68-86° 2-3 weeks.

The large flower heads often average 3 in. or more. Excellent as a cutflower. Seed germination sometimes slow.

Caucasica House's New Hybrids. Flowers very large and of beautiful form, ranging in color from light azure blue and lavender to deep blue and silvery white.
1/8 oz., **95c;** 1/4 oz., **$1.75;** 1/2 oz., **$2.70;** oz., **$5.00;** 4 oz., **$15.00.**

Primula Veris

PERENNIAL 33,000 seeds oz. 68° 3-6 weeks.

For spring pot work and garden border. Lift outdoor grown plants in Fall and have specimen pot plants from February on.

Veris Giant Crimson.
1/32 oz., **$1.00;** 1/16 oz., **$1.90;** 1/8 oz., **$3.30;** 1/4 oz., **$6.00;** 1/2 oz., **$10.75;** oz., **$18.00.**

Lutea. Yellow.
1/32 oz., **70c;** 1/16 oz., **$1.20;** 1/8 oz., **$2.20;** 1/4 oz., **$4.00.**

★**Colossea Mixed. Highly Commended Wisley Trials 1952.** Large flowerheads on long stiff stalks well above foliage. For cutflowers and early forcing. Individual florets average 1 3/4 in. Colors include shades of lilac, pink, copper as well as darkest red.
1/32 oz., **$1.25;** 1/16 oz., **$2.25;** 1/8 oz., **$4.15;** 1/4 oz., **$7.50;** 1/2 oz., **$13.50;** oz., **$22.00.**

★**Giant Bouquet. Award of Merit Wisley Trials 1952.** Flowers of exceptional size, produced in great numbers in a wide range of color, white to cream, yellow, scarlet, purple and crimson. Strong stems, excellent for cutting. The plant habit is dwarf and compact. A splendid show variety.
1/32 oz., **$1.35;** 1/16 oz., **$2.45;** 1/8 oz., **$4.15;** 1/4 oz., **$7.50;** 1/2 oz., **$13.50;** oz., **$22.00.**

Pacific Strain Polyanthus Primroses

The hardiest and easiest of primroses to grow. Long stems, large flower heads, wide clear range of color.

Blue Shades	**Scarlet and Bright Red**
White	**Rose Shades**
Pink Shades	**Yellow and Bronze Shades**

Mixed. A formula-blend.

Each of the above: 1/128 oz., **$2.50;** 1/64 oz., **$4.50;** 1/32 oz., **$8.25;** 1/16 oz., **$15.00;** 1/8 oz., **$25.00;** 1/4 oz., **$45.00.**

Mixed. The Introducer's Strain. Trade pkt. (450 seeds), **$4.00.**

PRIMULA PACIFIC STRAIN MIXED

Primula Various Sorts

PERENNIAL 33,000 seeds oz. 68° 3-6 weeks.

Germination temperatures in this group will vary.

Acaulis Blue. The finest obtainable being regular and rich in color. 1/128 oz., **$1.35;** 1/64 oz., **$2.40;** 1/32 oz., **$4.15;** 1/16 oz., **$7.50;** 1/8 oz., **$13.75.**

Auricula, Monarch Strain Mixed. The finest strain of Exhibition Auricula. Wonderful markings on perfectly formed flowers. 1/32 oz., **95c;** 1/16 oz., **$1.75;** 1/8 oz., **$3.00;** 1/4 oz., **$5.25;** 1/2 oz., **$9.50;** oz., **$16.00.**

Japonica Mixed. Bright flowers borne in whorls on stems 6 to 9 in. long. 1/16 oz., **$1.20;** 1/8 oz., **$2.20;** 1/4 oz., **$4.00.**

Vulgaris. × True. Yellow Primrose. 6 in. 1/16 oz., **65c;** 1/8 oz., **$1.40;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50.**

Primula Malacoides

ANNUAL 12,000 seeds 1/32 oz., 68-86° 2-3 weeks.

Malacoides or **Baby Primroses** are of easy culture. Grow in an airy cool house (45° fahrenheit night temperature) and take particular care planting is not allowed to get dry between waterings. Seed may be sown from May until October for Spring blooming pot plant sales. September sown seed will produce nice plants for Easter and Mother's Day. Sow in sterile soil.

Glory of Riverside Improved. True rose-pink.
1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.25;** 1/16 oz., **$9.50.**

White Giant. (Pure White). Large pure white flowers on strong stems; good for combinations.
1/128 oz., **$1.85;** 1/64 oz., **$3.30;** 1/32 oz., **$6.00;** 1/16 oz., **$11.00.**

Mrs. Eriksson of Riverside. Large flowers of deep rose-red.
1/128 oz., **$2.50;** 1/64 oz., **$4.55;** 1/32 oz., **$8.25;** 1/16 oz., **$15.00.**

Malacoides Special Mixed. A formula-blend.
1/128 oz., **$2.00;** 1/64 oz., **$3.60;** 1/32 oz., **$6.60;** 1/16 oz., **$12.00.**

Primula Obconica

ANNUAL 4,000 seeds 1/32 oz., 55-90° 3-4 weeks.

A favorite pot plant. Showy large flowers. Sow from January on for bloom at Christmas and into early Spring.

Grandiflora Avalanche. White.

Dark Blood Red.

Sky-Blue (Konigsee). Extra-large flowers.

Fasbender Red. Flowers rich deep red of enormous size.

Mueller's (Berlin) Rose.

Mixed, many colors.

Each of the above: 1/128 oz., **$1.65;** 1/64 oz., **$3.00;** 1/32 oz., **$5.50;** 1/16 oz., **$10.00.**

Gigantea Wyaston Wonder Crimson. Huge heads of flowers carried on strong stems well above the foliage. In spite of the vigorous growth they make a compact and tidy plant. 1/128 oz., **$2.10;** 1/64 oz., **$3.65;** 1/32 oz., **$6.60;** 1/16 oz., **$12.00.**

Primula Chinese Giant

ANNUAL 18,000 seeds oz. 68° 3 4 weeks.

A showy, colorful pot plant. Popular with retail growers. Sow from March on for Christmas and later.

Vaughan's Special Mixture.
1/128 oz., **$1.50;** 1/64 oz., **$2.75;** 1/32 oz., **$5.00.**

Passiflora

ANNUAL 3,600 seeds oz. 68° 2-4 weeks

Coerulea Blue. (Passion Flower). Slender but strong grower. Flowers 2 1/2 to 3 1/2 inches across, slightly fragrant, greenish white; the corona is blue at the tip, white in the middle and purple at the base. 1/16 oz., **80c;** 1/8 oz., **$1.45;** 1/4 oz., **$2.60;** 1/2 oz., **$4.70;** oz., **$7.75.**

Pennisetum

ANNUAL 14,500 seeds oz. 68-86° 3-4 weeks.

Rueppelianum. Long graceful purple sprays.
1/16 oz., **35c;** 1/8 oz., **60c;** 1/4 oz., **$1.10;** 1/2 oz., **$2.00;** oz., **$3.30;** 4 oz., **$10.00;** lb., **$30.00.**

Salvia

See pages 00-00

Schizanthus

ANNUAL 50,000 seeds oz. 54° 1-2 weeks.

A January sowing will make choice 3 in. plants for spring combinations. Use Schizanthus flowers in corsages. They are long lasting and make up very attractively.

★**Vaughan's Dwarf Masterpiece** The plants grow dwarf and compact. Flowers are of good size. Colors range from light pink and rose, to dark violet, with conspicuous blotches.
1/32 oz., **65c;** 1/16 oz., **$1.10;** 1/8 oz., **$1.80;** 1/4 oz., **$3.25;** 1/2 oz., **$5.85;** oz., **$10.00.**

Wisetonensis Monarch Strain. The finest strain of large flowered hybrids. 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.35;** 1/2 oz., **$2.40;** oz., **$4.00.**

Shamrock

ANNUAL 28,000 seeds oz. 68° 1-2 weeks.

True Irish Strain. Sow in late December or January, 3 or 4 seedlings per pot, to flower in 2 inch pots for St. Patrick's Day.
1/8 oz., **25c;** 1/4 oz., **40c;** 1/2 oz., **70c;** oz., **$1.30;** 4 oz., **$4.00;** lb., **$12.00.**

Smilax

ANNUAL 4,000 seeds oz. 68-86° 3-4 weeks.

Asparagoides. Ornamental foliage plant.
1/8 oz., **70c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00.**

Be sure to include the **INSTANT GLAMOUR** varieties when placing your order for bedding plants. All are much in demand.

Discounts on Flower and Vegetable Seeds Only

Cash or C.O.D. Under $10.00 net.
$10.00 to 25.00, 5%; 25.00 to 100.00, 8%; 100.00 to 300.00, 10%; 300.00 to 500.00, 12%; 500.00 to 750.00, 14%; 750.00 and up, 20%.

Charge Orders. If paid within 30 days from date of invoice: Under $10.00, net; 10.00 to 25.00, 2%; 25.00 to 100.00, 5%; 100.00 to 300.00, 8%; 300.00 to 500.00, 10%; 500.00 to 750.00, 12%; 750.00 and up, 18%.

Salvia Splendens

ANNUAL 7,500 seeds oz. 68-86° 2-3 weeks.

Glowing spikes of scarlet from late June to killing frost. There is nothing more brilliant or colorful than the "Scarlet Sage." Plants range from 10 to 30 inches.

To the popular Scarlet Salvia has now been added White, Rose and Salmon, which increases interest in this fine bedding plant annual.

Sow seed from January to March for late June to killing frost blooming. Variety in plant size demands a wide range in sowing dates. 4 in. plants are ready for May sales from a February sowing. Have 2¼ inch in peat pot or pak for May sales from a March sowing.

Salvias like heat and germinate best at 68-86 degrees, moving to 60 degrees. After transplanting grow on at 50 degrees. Do best in full sun when grown outdoors.

We have divided this family into three groups, the earliest in each group being first. Dates shown are from a late March sowing.

SALVIA SPLENDENS EVENING GLOW

Evening Glow. All America Bronze Medal 1964. A distinctive old rose with lavender undertone and coral tongue. Long full spikes on a compact upright plant. Earlier by 10 days than red varieties with similar habit. Shows resistance to summer heat and retains color, with a succession of bloom that lasts until frost. Illustrated is a bed of Evening Glow at our Cantigny Trials that caused much comment. 15-18 in.
1/32 oz., **$1.00;** 1/16 oz., **$1.75;** 1/8 oz., **$3.20;** 1/4 oz., **$5.75;** 1/2 oz., **$10.45;** oz., **$19.00.**

SALVIA SPLENDENS ST. JOHN'S FIRE

Dwarf

Fireball. (Scarlet Pygmy, Knirps, Scarlet Piccolo). June 20-25. An extra early, Salvia coming into flower a week to ten days before St. John's Fire. Of dwarf, compact habit, exceptionally fine for pots and early blooming for flats. 10 in. 1/16 oz., **$1.40;** 1/8 oz., **$2.50;** 1/4 oz., **$4.50;** 1/2 oz., **$8.00;** oz., **$13.50;** 4 oz., **$40.00.**

★St. John's Fire. June 25-30. The most popular early dwarf red. Our own reselected strain coming into flower early, while plants are but a few inches tall, remaining in flower until frost. The bright scarlet spikes stand densely and rigidly upright above the foliage on uniformly compact plant. 13 in. 1/16 oz., **$1.10;** 1/8 oz., **$1.95;** 1/4 oz., **$3.50;** 1/2 oz., **$6.25;** oz., **$10.00;** 4 oz., **$30.00.**

White Fire. June 25. Creamy-white, with the same plant habit and flowering date as St. John's Fire.
1/32 oz., **$1.00;** 1/16 oz., **$1.80;** 1/8 oz., **$3.25;** 1/4 oz., **$5.50** 1/2 oz., **$10.00;** oz., **$16.00.**

Salmon Pygmy. A rich salmon-pink bloom, dwarf compact plants and early free-flowering habit make it ideal for pot work. In bloom early thus enabling the flat grower to offer it in color for Spring sales. 10 in.
1/32 oz., **$1.00;** 1/16 oz., **$1.85;** 1/8 oz., **$3.30;** 1/4 oz., **$6.00;** 1/2 oz., **$10.75;** oz., **$18.00.**

Blaze of Fire. June 30-July 5. Early and free flowering, coming into bloom shortly after St. John's Fire. 14 to 16 in.
1/16 oz., **$1.05;** 1/8 oz., **$1.95;** 1/4 oz., **$3.50;** 1/2 oz., **$6.25;** oz., **$10.00;** 4 oz., **$30.00.**

Medium

Hot Jazz. (Red Pillar, Red Rocket Improved) July 5-10. Long tightly packed spikes of deepest scarlet flowers in striking contrast to the deep green foliage. Follows Blaze of Fire into flower. Considered one of the best all-around Salvias. 14 in.
1/16 oz., **85c;** 1/8 oz., **$1.50;** 1/4 oz., **$2.75;** 1/2 oz., **$5.00;** oz., **$8.00;** 4 oz., **$24.00.**

★America. (Globe of Fire). July 25-30. The favorite of many. Uniform dense globe-shaped bushes. 18 in.
1/16 oz., **50c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00.**

Tall

Bonfire (Clara Bedman). July 25-30. Erect habit, the old standby. Dark green foliage. 25 in.
1/16 oz., **75c;** 1/8 oz., **$1.35;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00;** 4 oz., **$18.00.**

Splendens Type (Scarlet Sage). August 10-15. Tall growing, scarlet. 24 to 30 in.
1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.75;** oz., **$5.00;** 4 oz., **$15.00.**

Salvia

PERENNIAL 3,800 seeds oz. 68-86° 2-3 weeks.

Patens. Very large flowers, splendid blue, free bloomer. 2½ ft. 1/16 oz., **70c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00;** 4 oz., **$20.00.**

Salvia Farinacea Royal Purple

Salvia Farinacea

Blue Bedder. (24,000 seeds per oz.) July 1. 3 ft. Compact plant, deep true blue flowers, dark stems, narrow leaves. Effective in mass planting. Long graceful stems for cutting. 1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.65;** oz., **$5.00;** 4 oz., **$15.00.**

White Bedder. A pure white with the same plant habit and bloom date as Blue Bedder and Royal Purple.

Royal Purple. July 1-5. Deep violet-blue. Flowers early and more freely than the popular blue. Good spikes on stems of sufficient length for use in arrangements. Compact plant habit. Offer this in combination with Salvia St. John's Fire or Petunia F-1 Aristocrat Improved. Two color combinations that are very effective.

Each of the above 2: 1/16 oz., **$1.10;** 1/8 oz., **$1.95;** 1/4 oz., **$3.50;** 1/2 oz., **$6.25;** oz., **$10.00;** 4 oz., **$30.00.**

Snapdragon

See pages 48-53

Solanum

ANNUAL 11,000 seeds oz. 68-86° 2-3 weeks.

There is a steadily increasing demand for "Ornamentals," particularly those with bright colored fruits or foliage. Among these are Christmas Cherry and Christmas Pepper. Both make attractive pot plants and are much in demand at Christmas.

ORNAMENTAL PEPPER

Nicely fruited plants will be available for Christmas from a mid-April sowing. Recommend keeping pots over summer in greenhouse or frame.

Vaughan's Candle Pepper. (Craigii—Christmas Pepper). The peppers are one inch long and decidedly pointed, creamy-yellow changing to red. Finely tapered peppers grow up-right, giving a daintier appearance than Celestial. Pinch once for larger heavier plants. 1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.75;** 4 oz., **$15.00.**

Christmas Pepper. An improved strain. Cone-shaped fruit of green, later turning purple and red. Dwarf compact plant. 1/16 oz., **$1.25;** 1/8 oz., **$2.00;** 1/4 oz., **$3.50;** oz., **$10.00;** 4 oz., **$30.00.**

ORNAMENTAL CHERRY

Sow seed in February, grow on outdoors during the Summer and pot up in September for Christmas sales.

★Christmas Cherry Improved.
1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$4.00.**

Felger's Orange. The berries are larger than that of Cleveland Cherry and are well up on top of the foliage. In 6 inch pots the plant will have a spread of 18 to 20 inches. 1/32 oz., **55c;** 1/16 oz., **$1.00;** 1/8 oz., **$1.75;** 1/4 oz., **$3.00;** 1/2 oz., **$5.60;** oz., **$9.00.**

Statice Sinuata

ANNUAL 375 flower heads oz. 68-86° 2-3 weeks.

Attractive annuals of easy culture that can be used as fresh or everlasting flowers.

Kampf Improved. Tall, brilliant deep blue

★Market Rose. A deep warm rose.

★Market Growers. Deep Blue

Pure White.

Art Shades Mixed.

Each of the above: 1/2 oz., **45c;** oz., **70c;** 4 oz., **$2.25;** lb., **$6.75.**

Bonduelli. Golden yellow.
1/2 oz., **40c;** oz., **60c;** 4 oz., **$1.80;** lb., **$5.40.**

★Suworowii. Russian or Rat Tail. Flowers bright rose. Can be grown in cool house. 30 in. 1/16 oz., **45c;** 1/8 oz., **75c;** 1/4 oz., **$1.35;** 1/2 oz., **$2.45;** oz., **$4.00.**

Statice

PERENNIAL Seeds, see below. 68-86° 2-4 weeks.

Dumosa. (19,000 seeds per oz.) Dense cushions of pure silver-gray flowers, 30 in. 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.10;** 1/2 oz., **$2.00;** oz., **$3.30.**

Latifolia. (40,000 seeds per oz.) Small lavender-blue flowers. 1/8 oz., **55c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00.**

Stokesia

PERENNIAL 3,300 seeds oz. 68-86° 4-6 weeks.

Cyanea (Stokes Aster). Large blue flowers, dwarf habit, beautiful late bloomer.
1/8 oz., **$1.10;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00.**

★Strawberry

ANNUAL 2,800 seeds 1/32 oz. 55-65° 2-3 weeks.

★Baron Solemacher. Red. Of the Alpine (non-runner) type. Can be had in fruit (and flower) on Mother's Day, if sown in January. Suggest 3 plants in a 5 inch Azalea pot. Will produce berries all Summer and Fall.
1/64 oz., **60c;** 1/32 oz., **$1.00;** 1/16 oz., **$1.80**

★Streptocarpus (Cape Primrose)

ANNUAL 750,000 seeds oz. 68° 2-3 weeks. Needs light.

Wiesmoor Hybrids. Well fringed orchid-like flowers. Color range is most complete, bright shades of pink, deepest red, blues and white, many with blotches. Sow seed from October to March for cutflowers, or for pot plants from April to December.

Trade pkt., **$1.25;** 3 Trade pkts., **$3.25;** 5 Trade pkts., **$5.25.**

Surprise Garden

Our own "formula blend" of interesting annuals that will provide color in the home garden and be a source of cutflower material throughout a long season of bloom. No vines or trailing varieties are included in this blend. 4 oz., **$1.35;** lb., **$4.00.**

Sweet Peas, see page 16.

Tahoka Daisy, see page 54.

★Torenia

ANNUAL 375,000 seeds oz. 68-86° 2 weeks.

Fournieri. A fine pot plant for Mother's Day sales, good in combination baskets. An attractive bedding plant for shaded and partial shaded areas. Ours is a fine dwarf strain.

Blue. A dark blotch on the lip provides interesting contrast.

White. Ivory white tinted rose.

Each of the above 2: 1/32 oz., **50c;** 1/16 oz., **90c;** 1/8 oz., **$1.65;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00.**

Tritoma

PERENNIAL 22,000 seeds oz. 68-86° 3-4 weeks.

Pfitzer's Hybrids. Long spikes in brilliant red, orange and yellow shades, growing 4 ft. tall with blooms all summer until frost. 1/8 oz., **55c;** 1/4 oz., **$1.00;** 1/2 oz., **$1.80;** oz., **$3.00.**

Trollius

PERENNIAL 8,000 seeds oz.

Slow to germinate. For best results store seed in damp sand at a temperature below 40 degrees fahrenheit for six weeks and then sow, or soak seed in hot water for 30 minutes before sowing. Plants require moist soil.

Mixed. 1/32 oz., **55c;** 1/16 oz., **95c;** 1/8 oz., **$1.65.**

Veronica

PERENNIAL 250,000 seeds oz. 54-90° 2 weeks.

Spicata. Blue 1 1/2 ft.
1/16 oz., **45c;** 1/8 oz., **75c;** 1/4 oz., **$1.35;** 1/2 oz., **$2.45;** oz., **$4.00;** 4 oz., **$12.00.**

3 "Snaps" In Beautifully Graduated Heights For Complete Flexibility of Use

SNAPDRAGON F-1 CARIOCA

Just imagine the effect in a garden with the stately Sunrise Snaps as background with the slender tapered spikes of ultra-new Carioca in a mid-height effect just behind a border of saucy Floral Carpet snaps (illustrated on page 49). And all three are perfect as cut flowers and the varying heights make interesting arrangements.

CARIOCA F-1 Snapdragon

New and as flashy as the colors a Latin-American lady might wear while dancing the Carioca. Of an interesting 1 to 1½-foot mid-height, they fill a real need in any garden and for cut flower arrangements.

Appleblossom. A delicate color tone.

Deep red. Velvety red.

Ivory-white. Delicate creamy-white.

Orange-bronze. A striking color.

Peach-bronze. An unusual color.

Pink. A soft shade of pink, deeper than Appleblossom.

Rose. Intense rose-pink.

Yellow. Soft clear shade of yellow.

Carioca Mixed. Blended from separate colors.

Each of the above 10: Trade pkt. (500 seeds), **$1.75;** 1/128 oz., **$2.75;** 1/64 oz., **$5.00;** 1/32 oz., **$9.25;** 1/16 oz., **$16.75;** 1/8 oz., **$32.00;** 1/4 oz., **$60.75.**

SNAPDRAGON F-1 SUNRISE

Instant Glamour

This F-1 Garden Strain is extra early, coming in 2 to 3 weeks before the Rockets. Long flower spike, strong stem, clean green foliage. Colors that are rich, bright and attractive. For bedding, cutting and border work, there is no finer strain than "Sunrise."

White, a creamy white
Yellow
Crimson
Deep Rose
Golden Orange
Rose Pink

Formula Mixed. Our own blend in just the right color proportions.

Each of the above 7: Trade pkt. (500 seeds), **$1.75;** 1/128 oz., **$3.00;** 1/64 oz., **$5.50;** 1/32 oz., **$10.00;** 1/16 oz., **$19.25;** 1/8 oz., **$36.50;** 1/4 oz., **$69.50.**

SNAPDRAGON F-1 ROCKET

Instant Glamour

The first F-1 Hybrid Snapdragon bred for garden use. Long spikes evenly spaced florets on vigorous, uniform plants. Seven rich, distinct colors and a formula mixture.

Sow seed in January, grow on in 3 inch peat pots and pinch. Set out about April 1st for June cut-flowers. Rose, Pink, White and Yellow (gold) are in much demand.

Bronze · Red · Gold · Rose
Orchid · White · Pink

Formula Mixed. Carefully selected and blended to insure a full range of colors.

Each of the above 8: Trade pkt. (500 seeds), **$1.75;** 1/128 oz., **$3.00;** 1/64 oz., **$5.50;** 1/32 oz., **$10.00;** 1/16 oz., **$19.25;** 1/8 oz., **$36.50;** 1/4 oz., **$69.50.**

Vanguard (F-1 Double). All America Bronze Medal 1960. Extra petals enhance the large florets. Long flower spike with closely set florets of rich rose pink with flashing yellow lips or throat. Long lasting, for bedding and cutting.
Trade pkt., (750 seeds) **$1.50;** 1/128 oz., **$2.50;** 1/64 oz., **$4.50;** 1/32 oz., **$8.50;** 1/16 oz., **$16.00.**

United Sprites Mixed (F-1 Dwarf). Very early to bloom, ideal for mass beds since they require no staking. Hybrid vigor insures branches of excellent size and flower production. In bloom over a long season. The bright colors include cherry-rose, deep crimson-red, clear rose pink, pure white and clear canary-yellow. 15-18 in.
Trade pkt. (500 seeds), **$1.75;** 1/128 oz., **$2.75;** 1/64 oz., **$5.00;** 1/32 oz., **$9.25;** 1/16 oz., **$16.75;** 1/8 oz., **$32.00;** 1/4 oz., **$60.75.**

Snapdragon Master Blend (F-2). Large individual florets on long spikes. Strong robust plants. Color range is most complete, includes white, yellow, rose shades through deepest velvety red. Early to bloom, very free flowering. An excellent Snapdragon for cutting or use in the garden border.

MASTER BLEND®

1/32 oz., **60c;** 1/16 oz., **$1.05;** 1/8 oz., **$1.75;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00;** 4 oz., **$27.00.**

Mardi Gras (F-2). Graceful spikes closely set with individual florets of good size. Sturdy stems, bright clean colors. An extra select mixture in a broad range of color. Very free flowering. Excellent for cutting and use in the garden border.
1/32 oz., **60c;** 1/16 oz., **$1.05;** 1/8 oz., **$1.75;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00;** 4 oz., **$27.00.**

SNAPDRAGONS For Outdoor Bedding

ANNUAL 220,000 seeds oz. 54° 1-2 weeks.

There is no Annual better suited to Spring Plant Sales than the Snapdragon. It is available in all heights; bright gay colors providing a wealth of cutting material throughout the Summer and well into Fall.

TALL RUST RESISTANT STRAINS 2½ ft.

Appleblossom. Rosy pink, white tube
Brilliant Rose. True rose pink.
Campfire. Luminous scarlet.
Cherry Rose. Deep brilliant cherry rose.
Copper Queen. Burnished copper.
Loveliness. Pure soft rose pink.
Padre. (Crimson). Glossy crimson, dark stems.
Pink Sensation. Pure pink, frilled flowers.
Rosalie. Rich deep rose with underlying tone of topaz or amber.
Shasta. (Alaska). Pure white.
Yellow Jacket. (Canary Yellow—Yellow Giant). Deep canary yellow.
Vaughan's Tall Rust Resistant Mixture. Our own formula-blend in just the right color proportions.

Each of the above 12: 1/16 oz., **40c;** 1/8 oz., **70c;** ¼ oz., **$1.00;** ½ oz., **$1.80;** oz., **$3.00;** 4 oz., **$9.00.**

GIANT RUFFLED TETRA

Large closely set florets on massive spike. Rich green thick textured foliage. An excellent cutting strain.

Candlelight. (Yellow). Clear bright yellow.
Crimson. Deep but bright velvety crimson flower on long, broad tapering spike.
Orchid. Rich orchid-purple with sulphur-yellow blotch on lower lip.
Shades of Pink and Rose. Ranging from light to the deeper tones of rose.
White. Creamy white changing to pure white as flower ages. The primrose throat provides a striking contrast.

Each of the above 5: 1/32 oz., **55c;** 1/16 oz., **95c;** 1/8 oz., **$1.65;** ¼ oz., **$3.00;** ½ oz., **$5.40;** oz., **$9.00.**

Vaughan's Tetra Supreme Mixed. A full range of color. 1/32 oz., **45c;** 1/16 oz., **80c;** 1/8 oz., **$1.30;** ¼ oz., **$2.25;** ½ oz., **$4.00.**

DWARF SORTS

MAGIC CARPET

A Snapdragon of almost creeping habit, fairly covered during the summer with flowers. Its uniformly dwarf compact habit make it an excellent source of color for bedding and border plantings. Useful, too, in the rock garden.

Mixed. Rich colors that include soft yellow, rich golden yellow, rose-pink and white. 4-6 in. 1/16 oz., **50c;** 1/8 oz., **85c;** ¼ oz., **$2.70;** oz., **$4.50;** 4 oz., **$13.50.**

LARGE FLOWERING HALF-DWARF

Plants of medium height for bedding, flat sales and combination work. Very free flowering, coming into bloom early and continuing through until killed by frost.

Vaughan's Special Mixture. Our own formula blend of all interesting colors in the half dwarf group.
1/16 oz., **45c;** 1/8 oz., **80c;** ¼ oz., **$1.25;** ½ oz. **$2.25;** oz., **$4.00.**

SNAPDRAGON FLORAL CARPET MIXED (F-1)

SNAPDRAGON F-1 FLORAL CARPET

The name truly describes this new dwarf Snapdragon. A Floral Carpet of bright color wherever grown. Dwarf ball-shaped plants covered with masses of bloom make it ideal for bedding and low borders. The word "everblooming" best described this Snapdragon. Earliness enables the flat grower to offer plants in bloom for spring sales. The color range is most complete and include Floral Carpet Rose awarded the All America Bronze Medal for 1965. 8 inches.

Red **Pink** **Bronze**
Orchid **Yellow** **White**

Rose. A soft rose with a blotch of color at the throat for contrast. Introducer's Seed. Bronze Medal All America 1965.

Mixed. A formula blend that includes all colors listed.

Each of the above 8: Trade pkt. (500 seeds), **$1.65;** 1/128 oz., **$2.75;** 1/64 oz., **$5.25;** 1/32 oz., **$9.50;** 1/16 oz., **$18.45;** 1/8 oz., **$35.50;** ¼ oz., **$68.00.**

Discounts on Flower and Vegetable Seeds Only

Cash or C.O.D. Under $10.00 net
$10.00 to 25.00, 5%; 25.00 to 100.00, 8%; 100.00 to 300.00, 10%; 300.00 to 500.00, 12%; 500.00 to 750.00, 14%; 750.00 and up, 20%.

Charge Orders. If paid within 30 days from date of invoice: Under $10.00, net; $10.00 to 25.00, 2%; 25.00 to 100.00, 5%; 100.00 to 300.00, 8%; 300.00 to 500.00, 10%; 500.00 to 750.00, 12%; 750.00 and up, 18%.

Forcing Snapdragons

(2,000 seeds per trade packet; 1,000 seeds per ½ trade pkt. Except as noted.)
"Inbred" or self-pollinated sorts are marked; all others are true F-1 hybrids.

LIGHT PINK

Christina. (Winter and Early Spring). Light rose pink, large florets. Vigorous grower, almost no side growth.

★**Dawn Pink.** (New.) (Winter and Early Spring.) Large florets of delicate pink on sturdy stem. Recommended for its earliness, uniform habit and long stiff stem.

Florida. (Summer). Vigorous light pink flowering with Gay Time. A Christina color that is smooth and glistening. Displays superb color retention under high temperatures and is highly shatterproof. Spikes are long with compact floret spacing.

Indiana. (Late Winter and Spring). Light rose pink. Large floret with ruffled hood. Spikes are long and tapered. Uniformity and vigor set new standards in hybrid Snaps.

Kentucky. (Late Spring and Fall). A glorious apple-blossom pink. A vigorous, clean stemmed hybrid with a minimum of shatter. The color is lighter than Potomac Pink with a longer spike.

Maryland Pink Improved. (Late Winter and Spring). A creamy light pink.

Nashua. (Winter and Early Spring). Light rose pink, large ruffled florets compactly borne on hard clean stems. Shatter-proof.

Native Dancer. (Late Winter and Spring). Light rose pink. Extreme vigor, exceptionally long spikes. Compact placement of large florets.

New Jersey. (Winter, Early Spring). New. A soft pastel pink surpassing others in vigor, floret size, stem strength and clean habit. Grown in the Winter program with Washington and Wisconsin it completes the color range from light pink to deep rose pink. Shatterproof. Trade pkt., (2,000 seeds), **$5.00;** ½ Trade pkt., (1,000 seeds), **$2.50.**

New York. (Winter and Early Spring). A smooth light pink, displaying tremendous vigor and earliness. Flowers with War Admiral. Spike is large and compact. A very clear pink with a minimum of yellow in lower lip.

Rebecca. (Winter, Early Spring). Soft rose pink. Almost no side growth, large florets closely set on stiff heavy stem.

Rosebud. (Winter and Early Spring). Large ruffled florets of soft pastel pink on long, compact spikes.

Spanish Lady. (Winter, Early Spring). Long tapering spikes of light pink.

Summer Pink. (Pan-American). (Summer). Light rose pink with large florets and longer spike than most Summer varieties. Shatter resistant.

Top Flight. (Winter and Early Spring). Light rose pink. Quite uniform. Earlier than Christina.

Washington. (Winter, Early Spring). A smooth pink that flowers with Citation and just ahead of Christina. Large well formed florets, superior placement on spike, vigorous, clean grower, hard stem. Outstanding.

MEDIUM PINK

Anne Marie. (Winter and Early Spring). Clear medium pink, medium sized florets closely set on stiff heavy stem. Slightly deeper in color than Christina.

Debutante. (Winter, Early Spring). The popular medium pink that is truly the "commercial" pink. Full spikes of medium length, hard clean stems.

★**Pink Flare Improved.** (Late Winter and Spring). Clear medium pink. Large florets closely set on long tapered spikes.

Pink Ice. (Late Winter and Spring). Medium rose with lighter lip.

Potomac Pink. (Summer). A good medium pink.

Whirlaway. (Winter and Early Spring). Large florets, close spacing, long spike. A bit deeper than Mary Ellen. Performs best at the lower temperature levels.

Wintergreen. (Winter and Early Spring). A light rose-pink for winter and early spring. Stiff wiry stems, no grassiness, and a compact long spike.

ROSE

Bridesmaid. (Late Winter and Spring). Clear medium rose.

Gay Time. (Summer). Rose-pink of good vigor with hard stem and long spike. Very uniform. 7 to 14 days earlier than Summer Jewel.

Libby. (Late Winter and Spring). Dark rose pink with very strong stem and vigorous growth. Good sized florets on long spikes.

Maryland Flamingo. (Winter, Early Spring). Bright salmon-rose. A new color in Snapdragons. Shatterproof.

New Times. (Late Winter and Spring). Bright deep Beauty-rose, medium long spike, fine strong stem.

Potomac Rose. (Summer). A good rose pink, coming into flower with Potomac White and Pink.

Rosanna. (Late Winter and Spring). Deep bright rose.

★**Rose Flare.** (Late Winter and Spring). A medium rose deeper in tone than Pink Flare Improved. Large closely set florets, long tapered spike.

Spartan Rose. (Late Winter and Spring). Medium deep rose.

Summer Jewel. (Summer). Rich deep pink. Vigorous, uniform grower, stems of great strength and long spike. Compact floret spacing. Will not shatter.

Treasure Chest. (Late Spring, Fall). Long tapering spikes of medium rose on hard, clean stems.

Wisconsin. (Winter and Early Spring). Intense dark pink with a depth and color tone resembling the rose Better Times. Flowers with Citation. Spikes are long and tapering.

ALL FORCING SNAPDRAGONS
(except as noted)
Trade pkt., (2000 seeds) **$4.00;**
½ Trade pkt., (1000 seeds) **$2.25.**

★**Vaughan's Introduction**

PINK FLARE

WHITE FLARE

BRONZE

Barbara. (Winter, Early Spring). Large florets with bright bronze lip and pink throat. Vigorous grower, long spike.

★**Bronze Flare.** (Late Winter and Spring). Medium bronze with yellow lip. Stems of good weight. Compact floret placement, flower spike of good size.

Cavalcade. (Winter, Early Spring). Lively golden bronze that has few equals for uniform production of long tapered spikes.

Gallant Fox. (Winter, Early Spring). Deep orange bronze, strong vigorous grower; compact floret placement.

Kansas. (Late Spring and Fall). Brilliant golden bronze resembling Cavalcade. A vigorous variety with strong stem and long spikes. Large florets. Color has real merit, especially in the Fall months.

Michigan. (Winter, Early Spring). New. More intense bronze than Cavalcade. The large florets have semi-ruffled edges with fine wing spread. A good winter Bronze. Trade pkt., (2,000 seeds), **$5.00;** ½ Trade pkt., (1,000 seeds), **$2.50.**

Forcing Snapdragons—Continued

CHRISTINA

YELLOW FLARE

RED

Cherokee. (Winter and Early Spring). True "Christmas" scarlet-red. Long, well formed spikes, sturdy stems.

Man-O-War. (Winter and Early Spring). Copper-red shade with yellow lip. Clean grower, good flower placement.

Navajo. (Late Winter and Spring). A bright true red.

Priscilla Ann. (Late Winter and Spring). Velvety crimson.

Tennessee. (Late Spring and Fall). A true deep red flowering when color is most in demand. Shatterproof. Good floret spacing on long uniform spikes.

LAVENDER and PURPLE

Arizona. (Summer). Resembles Lavender Lady in color (deep rosy lavender). Vigor is high. Spikes are long and gracefully tapered. Large florets, long spikes and habit contribute to a significant improvement over existing varieties.

Lavender Lady. (Late Winter and Spring). Deep rosy lavender, excellent spike and stem.

Maine. (Winter and Early Spring). A rich purple, flowering with Citation. A vigorous grower with good spike and form. Large florets are beautifully spaced on strong spikes.

Maryland Lavender. (Late Winter and Spring). Clear light orchid-lavender.

PAPER WHITE and IVORY WHITE

Albion. (Winter, Early Spring). Pure paper white, clean growth, uniform long spikes.

Apollo. (Late Winter, Spring). An ivory white yellow lip.

Citation. (Winter, Early Spring). Large ruffled ivory white. Compact spacing, long spike.

Connecticut. (Winter, Early Spring). New. This new ivory-white is a definite improvement over existing strains, with its vigor, hard, grass free stem, long spike and large floret. Flowers between Citation and Twenty Grand. Highly shatterproof. Trade pkt., (2,000 seeds) **$5.00;** ½ trade pkt., (1,000 seeds), **$2.50.**

★**Crystal White, Vaughan Strain.** (Summer). Inbred. Pure paper white, uniform habit, compact floret spacing.

Delaware. (Late Spring and Fall). An ivory white that retains the valuable traits of Citation. Highly shatterproof.

June Bride. (Summer). Pure white. Hard clean stems.

Margaret. (Late Winter, Spring). Inbred. Ivory white. Exceptionally stiff stem, almost no side growth. Medium sized floret, long lasting. Trade pkt. (4000 seeds) **$4.00;** ½ trade pkt. (2000 seeds), **$2.25.**

Ohio. (Winter, Early Spring). Pure paper white. Florets are compactly spaced and shatterproof.

★**Paperwhite.** (Winter, Early Spring). A paper white of exceptional size and vigor. Large compactly spaced florets on strong stem.

Pennsylvania. (Winter, Early Spring). New. Large florets of purest white compactly spaced on long tapering spikes. Hard stems free from lateral growth. Shatterproof. Trade pkt., (2,000 seeds), **$5.00;** ½ Trade pkt., (1,000 seeds), **$2.50.**

Potomac White. (Late Spring and Fall, Summer). A good white.

Rainier. (Winter, Early Spring). A fine paper white. Clean hard stem, full spike.

★**Snow Crest.** (Winter, Early Spring). A pure white hybrid combining earliness with hybrid vigor, hardiness and length of spike. Compactly spaced florets, strong stem, 10 days later than Paperwhite.

Snowman. (Late Winter and Spring). Pure white.

Spartan White. (Late Winter and Spring). Pure white, shatter resistant.

Texas. (Summer). At its best from June through September. Large ruffled paper white florets, strong clean stems.

Twenty Grand. (Late Winter and Spring). The whitest ivory grown. Long, graceful, tapering spikes with ruffled upright, compact florets. Tall and vigorous.

Utah. (Late Spring and Fall). Pure white. Long spike, large closely spaced florets. Shatter resistant.

Virginia. (Late Spring and Fall). A vigorous paper white. Long spikes, hard, clean stem.

★**White Flare.** (Late Winter and Spring). Large florets of purest white, closely spaced on long tapered spikes.

White Knight. (Winter and Early Spring). Pure paper white, well placed florets on compact spike. Combines earliness, vigor, purity of color and long spikes. Shatterproof.

White Skies. (Summer). Pure white. Shatterproof.

YELLOW

Broker's Tip. (Late Winter and Spring). Deep yellow, medium sized florets, little or no side growth. Good stems.

Colorado. (Late Spring and Fall). A large flowered yellow hybrid; very uniform and vigorous. The color of Broker's Tip and a shade lighter than Potomac Yellow. Shatterproof florets, long spike. Combines well with Virginia (white).

Dark Star. (Summer). Clear deep yellow. Uniform, vigorous, clean growth, compact floret spacing. Shows resistance to high temperature burn.

Golden Spike. (Late Winter and Spring). Rich golden yellow. Long stems, tapered flower spike.

Illinois. (Late Spring, Fall). New. Large florets of intense dark yellow borne on long spikes. Hard clean stems. A fine yellow companion to Twenty Grand. Quite shatterproof. Trade pkt., (2,000 seeds), **$5.00;** ½ Trade pkt., (1,000 seeds), **$2.50.**

Montezuma. (Winter, Early Spring). The deep yellow companion to Rainier.

Nevada. (Late Spring and Fall). An intense yellow hybrid with a huge floret on vigorous long spikes. Flowers with Kansas and Tennessee. Very valuable in May-June and October-November crops. Deeper in color than Colorado and about two weeks earlier to flower.

Patricia. (Winter, Early Spring). Medium sized florets of rich yellow with full deep yellow lower lip. Long spike.

Potomac Yellow. (Late Spring and Fall, Summer). A good medium yellow.

Sonora. (Winter, Early Spring). Primrose yellow. Stem strength, spikes and production are exceptional.

Summer Yellow. (Pan-American). (Summer). Tall vigorous growing, clear yellow. Very early. Shatterproof.

Swaps. (Winter and Early Spring). Large showy yellow florets, clean hard stems. Earlier than War Admiral and Seabiscuit. Outstanding for its large, compactly spaced showy yellow florets.

Tampico. (Summer). A medium yellow with hard clean stems and a good flower spike.

Vermont. (Winter and Early Spring). Primrose yellow, a new and beautiful pastel color tone. Spikes are long and graceful with abundant tip-bud. Stems are hard, clean and uniform.

War Admiral. (Winter and Early Spring). Medium Yellow. Outstanding vigor, uniformity and spike formation.

Wyoming. (Winter, Early Spring). A new hybrid yellow that flowers with Citation. Large florets, well spaced on long graceful spike.

★**Yellow Flare.** (Late Winter and Spring). Medium yellow of good growth, long heavy stem, good sized flower head.

Greenhouse Varieties, Vaughan's Special Mixture. With pinks predominating. Our own **Formula-blend** that includes the more popular open pollinated and F-1 Hybrid varieties.

ALL FORCING SNAPDRAGONS
(except as noted)
Trade pkt., (2,000 seeds), **$4.00;**
½ Trade pkt., (1,000 seeds), **$2.25.**

SNAPDRAGON FLOWERING PROGRAM

NORTHERN AND SOUTHERN GROWERS

The flowering timetables for Northern and Southern Growers are based on flowering checks in the respective areas. The area dividing line is generally considered as the 38° parallel which is just south of the Mason-Dixon line. Since this line is only approximate, growers on either side will find exceptions, depending on their particular location.

WINTER AND EARLY SPRING VARIETIES

WHITE	YELLOW	PINK AND ROSE		BRONZE
Albion	Montezuma	Anne Marie	New York	Barbara
Citation	Patricia	Christina	Rebecca	Cavalcade
Connecticut	Sonora	Dawn Pink	Rosebud	Gallant Fox
Ohio	Swaps	Debutante	Spanish Lady	Michigan
Paperwhite	Vermont	Maryland Flamingo	Topflight	RED
Pennsylvania	War Admiral	Nashua	Washington	Cherokee
Rainier	Wyoming	New Jersey	Whirlaway	Man-O-War
Snow Crest	PURPLE		Wintergreen	
White Knight	Maine		Wisconsin	

Timetable for Winter and Early Spring

Single stem, direct planting, raised benches Sowing Temperature 65° Minimum

48°-50° Winter Minimum Temperature

NORTHERN GROWERS

TO FLOWER	SOW	BENCH
December 1-15	August 4	August 25
December 16-31	August 8	August 29
January 1-15	August 10	August 31
January 16-31	August 17	September 7
February 1-15	August 24	September 14
February 16-28	September 2	September 28
March 1-15	September 14	October 12
March 16-31	October 8	November 2
April 1-15	October 26	November 23
April 16-30	November 9	December 7

SOUTHERN GROWERS

TO FLOWER	SOW	BENCH
January 2	August 21	September 11
January 15	August 24	September 14
February 1	August 31	September 21
February 15	September 7	September 30
March 1	September 15	October 10
March 8	September 19	October 16

LATE SPRING AND FALL VARIETIES

WHITE	YELLOW	PINK	RED
Delaware	Colorado	Treasure Chest	Tennessee
Potomac White	Illinois	Kentucky	
Utah	Nevada	BRONZE	
Virginia	Potomac Yellow	Kansas	

Timetable for Late Spring and Fall

Single stem, direct planting, raised benches Sowing Temperature 65° Minimum

48°-50° Winter Minimum Temperature

NORTHERN GROWERS

TO FLOWER	SOW	BENCH
September 16-30	June 27	July 18
October 1-15	July 4	July 25
October 16-31	July 11	August 1
November 1-15	July 18	August 8
April 16-30	October 25	November 23
May 1-15	November 30	December 28
May 16-31	December 28	January 25
June 1-15	February 1	February 28
June 16-30	March 2	March 28

SOUTHERN GROWERS

TO FLOWER	SOW	BENCH
May 1	November 27	December 25
May 15	December 24	January 23
June 1	January 19	February 16
June 7	February 1	March 2
October 1	July 9	July 30
October 15	July 17	August 7
November 1	July 27	August 17
November 7	July 30	August 20

SNAPDRAGON FLOWERING PROGRAM

LATE WINTER AND SPRING VARIETIES

PINK AND ROSE
Bridesmaid
Indiana
Libby
Maryland Pink Improved
Native Dancer
New Times
Pink Flare Improved
Pink Ice
Rosanna
Rose Flare
Spartan Rose

RED
Navajo
Priscilla Ann

WHITE
Apollo
Margaret
Snowman
Spartan White
Twenty Grand
White Flare

YELLOW
Broker's Tip
Golden Spike
Yellow Flare

LAVENDER
Lavender Lady
Maryland Lavender

BRONZE
Bronze Flare

Timetable for Late Winter and Spring

Single stem, direct planting, raised benches Sowing Temperature 65° Minimum

48°-50° Winter Minimum Temperature

NORTHERN GROWERS

TO FLOWER	SOW	BENCH
October 16-31	July 18	August 8
November 1-15	July 25	August 15
November 16-30	August 1	August 22
February 16-28	August 24	September 14
March 1-15	September 2	September 28
March 16-31	September 21	October 19
April 1-15	October 12	November 9
April 16-30	November 2	November 30
May 1-15	December 14	January 11

SOUTHERN GROWERS

TO FLOWER	SOW	BENCH
November 15	August 3	August 24
December 1	August 10	August 31
December 15	August 15	September 5
December 22	August 17	September 7
March 15	September 25	October 23
April 1	October 11	November 8
April 15	October 30	November 27
April 23	November 13	December 11

SUMMER VARIETIES

PINK AND ROSE
Florida
Gaytime
Potomac Pink
Potomac Rose
Summer Jewel
Summer Pink
(Pan American)

LAVENDER
Arizona

WHITE
Crystal White
Vaughan Strain
June Bride
Potomac White
Texas
White Skies

YELLOW
Dark Star
Potomac Yellow
Summer Yellow
(Pan American)

Timetable for Summer Flowering

Single stem, direct planting, raised benches Sowing Temperature 65° Minimum

48°-50° Winter Minimum Temperature

NORTHERN GROWERS

TO FLOWER	SOW	BENCH
June 16-30	February 17	March 14
July 1-15	April 4	April 25
July 16-31	April 25	May 16
August 1-15	May 9	May 30
August 16-31	May 23	June 13
September 1-15	June 13	July 4
September 16-30	June 20	July 11

SOUTHERN GROWERS

TO FLOWER	SOW	BENCH
June 15	February 22	March 19
July 1	March 28	April 20
July 15	April 18	May 9
August 1	May 9	May 30
August 15	May 23	June 13
September 1	June 14	July 5
September 15	June 27	July 18
September 24	June 29	July 20

STOCKS TRYSOMIC 7 WEEKS MIXED (background)
VIOLA F-2 TOYLAND (foreground)

Trysomic 7 Weeks

A bedding variety that blooms outdoors during hottest weather. Our own trial ground plantings were in full bloom during hot dry days of July and August.

Plants throw a central spike and then produce side branches for later flowering providing colorful display over a long period.

Because of its earliness, can be had in bloom in flats or peat pots for spring bedding plant sales.

Bright Rose — **Fiery Red**
Lilac Lavender — **Navy Blue**
White — **Canary Yellow**

Formula Mixed. Includes all the above.
Each of the above 7: 1/32 oz., **$1.00;** 1/16 oz., **$1.75;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** 1/2 oz., **$9.00;** oz., **$18.00.**

Trysomic Giant Imperial

A strain of branching Stocks which through the use of scientific principles will produce 80-85% double flowering plants.

Choice Mixed. A well-balanced formula blend.
1/32 oz., **$1.00;** 1/16 oz., **$1.75;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** 1/2 oz., **$9.00;** oz., **$18.00.**

The Best in Double Stocks

ANNUAL 18,500 seeds oz. 54-90° 2 weeks.

Stocks are easily grown and a profitable cutflower item. Plant only in sterilized soil and benches as protection against root rot; grow cool—50 degree nights and space 3 x 6 for best quality.

In our area sow from mid-July to mid-February. Later sowings tend to show blindness.

To secure greatest percentage of doubleness, largest and most vigorous seedlings should be selected.

Varieties preceded by star (★) are the most popular.

"Non-Branching Column Stocks"

★**Avalanche.** Finest paper white for outdoors; excellent for greenhouse.
★**Deep Apricot.** Coppery terra-cotta.
Gardenia Improved. Early pure white. Needs disbudding. Fine for outdoors.
★**Pacific Pink.** Pure white on cream base.
★**Purple Heart.** Bright violet-purple.
Rose Pink No. 14. Rose Pink, slightly darker than Supreme No. 22.
Ruby. Rich crimson-red.
★**Silvery Lilac.** An early lilac lavender.
★**Supreme No. 22.** Heavy spikes of rich silvery rose. Long stemmed vigorous grower.
★**White Improved No. 16.** The most popular early pure white. Large floret, compact spike.
Special Florist Mixture. Our own blend of the most popular colors.
Each of the above: 1/16 oz., **$1.00;** 1/8 oz., **$1.80;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50.**

Improved Giant Bismarck
(Early Giant Imperial)

An early flowering, branching strain producing a high percentage of doubles. For greenhouse or outside planting. 2 1/2 ft.

Appleblossom. (Blush-pink)
Buttercup. Deep golden yellow.
★**Chamois**
★**Shasta.** Vigorous, glistening white.
★**Elk's Pride.** (Royal purple).
Fiery Blood-Red.
★**Lavender**
★**Rose**
Mixed. All colors.
Each of the above 9: 1/8 oz., **40c;** 1/4 oz., **70c;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Dwarf Large-Flowering Ten Weeks

Compact pyramidal growth, for pots, or combinations.
Extra Choice Mixed. Blood-red, bright pink, canary yellow, dark blue, deep rose, lavender and white in the right proportion. 1/8 oz., **40c;** 1/4 oz., **65c;** 1/2 oz., **$1.15;** oz., **$2.20;** 4 oz., **$6.60;** lb., **$20.00.**

Sweet Peas

See page 16

TAHOKA DAISY

Tahoka Daisy

ANNUAL 29,000 seeds oz. 68-86° 2 weeks.

An unusually beautiful lavender-blue Daisy with fern-like foliage. Carried on good long stems, the flowers are many-rayed, with long slender petals of pure lavender-blue, center deep yellow. 20 in. 1/16 oz., **75c;** 1/8 oz., **$1.35;** 1/4 oz., **$2.40;** 1/2 oz., **$4.30;** oz., **$7.20.**

Thermopsis

PERENNIAL 6,500 seeds oz. 68-86° 2-3 weeks.
Caroliniana. Yellow pea-shaped flowers in long racemes. 3-5 ft. 1/8 oz., **60c;** 1/4 oz., **$1.10;** 1/2 oz., **$2.00;** Oz., **$3.30.**

Thunbergia

ANNUAL 1,100 seeds oz. 68-86° 2-3 weeks.
Mixed. Fine climber or trailer for window boxes and hanging baskets. Flowers in shades of yellow, white, buff and orange, black centered. 1/8 oz., **85c;** 1/4 oz., **$1.45;** 1/2 oz., **$2.60;** oz., **$4.25;** 4 oz., **$12.50.**

Tithonia

ANNUAL 2,800 seeds oz. 68-86° 2-3 weeks.
Torch. Brilliant orange-scarlet flower, borne on stout stems, excellent for cutting. Early free flowering. 4 ft. 1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50.**

Torenia and Tritoma

See Page 47.

Verbenas . . . For Combinations . . . For Bedding

Spreading—8 to 12 inches

Large blooms so tightly arranged the effect is a solid mass of color. The habit is dwarf and compact; extremely free flowering. Plant retains its fine compact habit throughout the long blooming season.

Calypso. A blend of bright colors, striped, blotched and a few solids.
Crystal. Large flowered snow-white.
Dazzle. Brilliant scarlet.
Delight. Clear coral pink suffused salmon.
Sparkle. Bright scarlet-red with a gleaming white eye.
Splendor. Rich royal purple with white eye.
Dwarf Sparkle Mixed. A formula blend that includes all the above.
Each of the above 7: 1/16 oz., **55c;** 1/8 oz., **95c;** 1/4 oz., **$1.65;** 1/2 oz., **$3.00;** oz., **$5.00;** 4 oz., **$18.00;** lb., **$65.00.**

Spreading—12 to 24 inches

Beauty of Oxford Hybrids. Bright shades, ranging from clear rose pink to rose red.
Lavender Glory. True lavender. Large flower umbels. Fragrant. About 80% true.
Marilyn. Fiery cerise, the small cream eye accenting the warm brilliance of the color.
Mayflower. Shades of pink.
Spectrum Red. Intense pure bright red without eye.
Vivid. Brilliant sunproof scarlet.
White (Alba). Very large, pure white.
Grandiflora Mixed. A well-balanced blend of the spreading varieties.
Each of above 8: 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$3.75;** 4 oz., **$11.25;** lb., **$41.00.**

VERBENA DWARF SPARKLE

ANNUAL 10,000 seeds oz.
68-86° 3-4 weeks.

Verbenas are among the most popular of the native American flowers. Color range and plant habit make them adaptable for all uses and locations.

The dwarf forms should be spaced about 6 inches while the spreading types require from 12 to 16 inches. Germination is slow and uneven—50 to 55% being considered an excellent stand. To hasten germination grow in soil at 65 degrees. When established a night temperature of 50 degrees is best. Pinch early to avoid straggly growth.

Good 3 to 4 inch pot plants are available for Spring sales from a February sowing. Mid-March sowing is recommended for Pak sales.

By nature the Verbena has divided itself into two classes—the spreading type which provides a carpet-like growth covering a wide area and the upright type which is bushy and branching but upright in growth rather than spreading. We have divided our listing showing the two distinct types.

VERBENA DWARF MASTER BLEND

Dwarf Master Verbenas

The finest Verbena for spring bedding plants and combinations. Very compact and dwarf, coming into flower when plants are small and blooming through the entire season. Excellent bright colors, many with eyes. Because of their early blooming quality can be had in flower for Spring sales, in flats or Val-Pacs.®

Instant Glamour

Dwarf Master Blend.® Hundreds of gay color combinations, many with eyes. Ideally suited to pot and flat culture, wonderful as a garden variety. A brilliant range of color.
1/16 oz., **75c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.00;** 1/2 oz., **$3.50;** oz., **$6.00;** 4 oz., **$18.00;** lb., **$54.00.**

Upright—8 to 14 inches

Masses of bloom covering the center of the plants, eliminating the troublesome hollow spot so often found in the older strains. Plants are of uniform bushy habit about 8 to 10 in. high, and 12 to 15 in. across, with flower heads practically touching each other. Most suitable for borders.

Firelight. Large closely spaced blooms of brilliant fiery red.
Roselight. Rose-pink with white eye.
Salmon Queen. Bright salmon pink, small white eye.
Snow White. Large pure white.
Starlight. Mid-blue with creamy-white eye.
Mixed. A well-balanced mixture.
Each of the above 6: 1/16 oz., **45c;** 1/8 oz., **80c;** 1/4 oz., **$1.25;** 1/2 oz., **$2.25;** oz., **$3.75;** 4 oz., **$11.25;** lb., **$41.00.**

VERBENA DWARF DELIGHT

*Vinca Rosea (Periwinkle)

VINCA BRIGHT EYE

LITTLE PINKIE

ANNUAL 20,500 seeds oz. 68-86° 2-3 weeks.

One of the most satisfactory annuals for use in combinations or as an outdoor bedding plant. Blooms through the entire summer until frost and does well either in sun or partial shade. Slow to start, we suggest early sowing. Give bottom heat and grow warm. 18 in.

Pink. Medium pink.

Alba Pura. Pure White.

Alba Oculata. White with pink eye.

Delicata. Soft pink.

Mixed. The above in a well-balanced blend.

Each of the above 5: 1/8 oz., **40c;** 1/4 oz., **65c;** 1/2 oz., **$1.15;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

DWARF VINCAS. Plants are dwarf and compact, growing but half as tall as the older strains. Bloom over a long season, very free flowering and quite tolerant of hot dry summers. Ideal edging or bedding plant. For late May bloom, suggest February 1st sowing, give bottom heat and grow warm. Glossy dark green foliage. 8 to 10 in.

Little Pinkie. Rose colored blooms of good size cover the plant.
1/16 oz., **55c;** 1/8 oz., **95c;** 1/4 oz., **$1.70;** 1/2 oz., **$3.00;** oz., **$5.00;** 4 oz., **$15.00.**

Bright Eye. Glistening white with a contrasting rose-red eye. 1/16 oz., **80c;** 1/8 oz., **$1.40;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50.**

Viola Cornuta

PERENNIAL 25,000 seeds oz. 54-90° 2-3 weeks.

"Pansies in Miniature" best describe the Viola. Very free flowering. Preferred by many as a bedding plant. Perfectly hardy.

Admiration. Deep violet blue, large flowers.

King Henry. Rich violet-blue with lavender center and yellow eye.

Lutea Splendens. Chrome yellow.

Vaughan's Special Mixture. Bright shades which include many self colors, combinations and some with blotches.

Each of the above 4: 1/16 oz., **65c;** 1/8 oz., **$1.10;** 1/4 oz., **$2.00;** 1/2 oz., **$3.60;** oz., **$6.00.**

Arkwright Ruby. Rich ruby-crimson shading terra-cotta.

Blue Perfection. Large flowers of clear medium blue.

Chantreyland. Pure apricot. Extra large flowers.

White Perfection. Large flowered creamy-white.

Each of the above 4: 1/32 oz., **55c;** 1/16 oz., **$1.00;** 1/8 oz., **$1.65;** 1/4 oz., **$3.00;** 1/2 oz., **$5.40;** oz., **$9.00.**

Jersey Gem (Blue Gem). Rich violet blue. 1/32 oz., **65c;** 1/16 oz., **$1.20;** 1/8 oz., **$2.20;** 1/4 oz., **$4.00;** 1/2 oz., **$7.20;** oz., **$12.00.**

Toyland (F-2). Huge full-round 2 inch blooms gracefully waved and borne profusely, with typical hybrid vigor, on sturdy compact plants. Pure colors and combinations of mahogany red, gold, apricot, blue, purple, violet black and white. Illustrated in color on page 54.
1/32 oz., **65c;** 1/16 oz., **$1.15;** 1/8 oz., **$1.95;** 1/4 oz., **$3.30;** 1/2 oz., **$6.00;** oz., **$10.00.**

Viola—Various Types

Blue Elf. The upper petal of deep violet blue provides an interesting contrast for the light violet blue of the lower petal and the gold eye. Small dark green foliage.
1/16 oz., **75c;** 1/8 oz., **$1.35;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50.**

Johnny Jump Up. Pansy-like faces of purple, blue and yellow. A prolific bloomer.
1/32 oz., **55c;** 1/16 oz., **$1.00;** 1/8 oz., **$1.65;** 1/4 oz., **$3.30;** 1/2 oz., **$5.40;** oz., **$9.00.**

Odorata Semperflorens. Deep blue fragrant flowers. Often referred to as "Sweet Violet."
1/32 oz., **45c;** 1/16 oz., **80c;** 1/8 oz., **$1.35;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$7.50.**

ZINNIA F-1 ZENITH HYBRIDS

Zinnias . . . always popular for bedding and cutting

ANNUAL 2,500 to 4,000 seeds oz. 68-86° 1-2 weeks.

An easily grown annual that responds quickly when soil and atmospheric conditions are right. Wide variation in flower size, type and height has increased the interest in the Zinnia. It is now much used for cutting, because of its long lasting qualities, and makes an excellent background subject and dwarf sorts are also used in in the garden border.

More and more the home gardener is depending on the grower for his plants, preferring to buy them rather than make his own seed sowing. To insure a good supply of plants, we suggest seed be sown about 30 days before the start of your bedding plant selling season.

Zinnia seed may also be sown inside in February and March for inside cutting. Sown in April plants will bloom from May 20 to June 20 and from a May sowing cutting material will be ready from June 10 to 20.

Gem-Like Beauty for Garden-Border

Thumbelina. The ideal edging and border Zinnia. Extremely dwarf, compact plants that seem to thrive on close crowding. Plants spaced 2 or 3 inches apart in rows 6 inches apart soon appear as solid ribbons of color. Miniature double and semi-double blooms are freely produced. The colors bright and cheerful. Thumbelina is in bloom from earliest Summer to late Fall, does not lose its dwarf compact habit despite a constant increase in flowers. All America Gold Medal 1963. Introducer's Seed. 1/32 oz., **85c;** 1/16 oz., **$1.50;** 1/8 oz., **$2.75;** 1/4 oz., **$5.00;** 1/2 oz., **$9.00;** oz., **$15.00;** 4 oz., **$45.00.**

New and Classic Zinnias in a Tremendous Color Range—
Probably America's Favorite Flower for Background and Cutting.

New F-1 Hybrid Zinnias
"THE ZENITHS"

These new fully double F-1 Hybrid Zinnias, with their gracefully curled and quilled petals, huge flowers, up to 6 inches across, are profusely borne on sturdy 2 ft. plants. The colors are warm and rich with exceptional depth of color tone. The warm colors are accented by the thick, dark green foliage. Plants are vigorous and bushy. Highly mildew resistant, the plants provide background color in the garden and are excellent cutflowers. Included in this group are two All America Silver Medal Winners (Bonanza and Firecracker), and one Bronze Medal Winner (Yellow Zenith). Introducer's Seed. **Illustrated in color on page 56.**

Bonanza. Huge blooms of clear golden yellow.

Firecracker. Clearest red with scarlet undertone.

Princess. Soft light salmon-pink. Adds a touch of delicate color to gardens or as a cutflower.

Yellow Zenith. Gracefully curled and quilled petals of sunshine yellow.

Zenith Hybrids Mixed. A most complete range of colors.

Each of the above 5: 1/16 oz., **$2.25;** 1/8 oz., **$4.00;** 1/4 oz., **$7.00;** 1/2 oz., **$12.50;** oz., **$21.00.**

Giant Cactus Flowered

An extra large flowered Zinnia up to 6 inches in diameter. In form and color, there is much variation. Some petals are fluted, others flat and twisted, but all are beautiful and often spectacular.

Blaze. Flowers of brilliant mandarin-red softening to orange-scarlet.

Cherry Time. Closely related shades of cherry, cerise, spiraea red and magenta. The color is strong, the effect magnificent.

Floradale Scarlet. Intense scarlet-red.

Golden Heart. Dazzling scarlet-red petals rich golden yellow center. Striking color contrast.

Ice Cream. A rich pure cream.

Riverside Beauty. Rich azalea-pink.

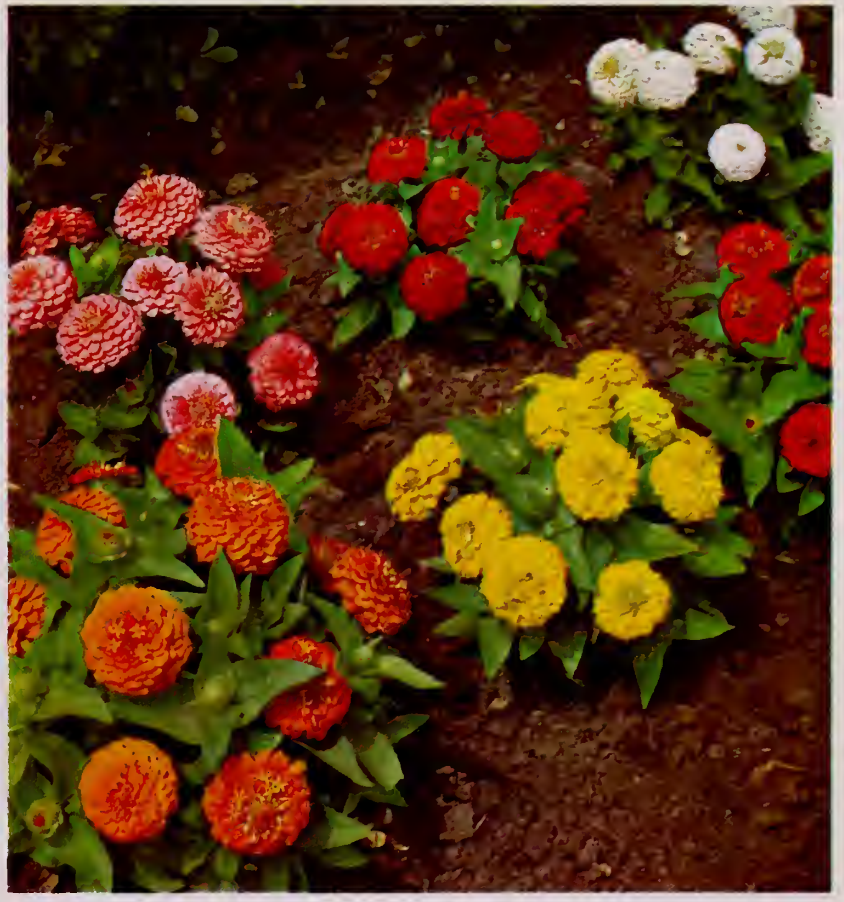
Snow Time. The nearest to white of any Cactus-flowered Zinnia. Flowers are large and borne on full-sized, vigorous plants.

Sunny Boy. Buttercup-yellow, very brilliant.

Giant Cactus Flowered Hybrids (Burpee Hybrids). A complete range of color which includes pastels found nowhere else.

Each of the above 9: 1/4 oz., **40c;** 1/2 oz., **70c;** oz., **$1.25;** 4 oz., **$4.00;** lb., **$12.00.**

Rosie O'Grady. A distinctive bicolor. Deep rose center shading to soft rose.
1/16 oz., **50c;** 1/8 oz., **90c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.70;** oz., **$4.50;** 4 oz., **$14.00.**



ZINNIA THUMBELINA

Old Mexico. Large blooms, uniformly bushy plants, attractive bicolors or rich mahogany red base overlaid with varying shades of golden yellow. For garden border and cutting.
1/8 oz., **$1.50;** 1/4 oz., **$2.65;** 1/2 oz., **$4.80;** oz., **$8.00;** 4 oz., **$26.55.**

Red Man. All America Bronze Medal 1962. Brilliant scarlet flower, beautifully and delicately quilled. Lacy airy petallage eliminates "heaviness." Compact plant, flowers of giant size.
1/16 oz., **75c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.25;** 1/2 oz., **$4.10;** oz., **$8.00;** 4 oz., **$29.00.**

FOR FAST PROFIT—QUICK SALE

You'll find ready sale for Zinnias in flats. Have plenty for your bedding plant season. Zinnias grow fast—four weeks in advance of your season allows ample time to produce nicely started plants. To avoid yellowing of leaves—grow on at a 60° night temperature.

ZINNIA RED BUTTONS

ZINNIA PINK BUTTONS

Two Beautiful, Bright "Buttons"!

ANNUAL 2,500 to 4,000 seeds oz. 68-86° 1-2 weeks.

The Plant of the "Button" Zinnia is unique in that it is but 1 ft. tall, distinctly more compact than any other type (excepting Thumbelina) and is only half the height of the popular Lilliputs.

The Cupid-like full double blooms measure but 1½ inches across. The colors are bright and clear with a uniformity of coloring that is outstanding.

Pink Buttons. All America Bronze Medal 1964. A delightful shade of salmon pink. This attractive free-flowering "Button" caused much comment in our trials and showed resistance to adverse weather conditions wherever grown. Introducer's Seed.

Red Buttons. The vivid scarlet-red counterpart of Pink Buttons. Only in color does it differ. Very free flowering, full double blooms with the same uniformity of coloring. A bright attractive color.

Each of the above 2: 1/16 oz., **70c;** 1/8 oz., **$1.25;** 1/4 oz., **$2.25;** 1/2 oz., **$4.25;** oz., **$8.00;** 4 oz., **$24.00.**

Giant Zinnias

White and Cream

Isabellina. Soft cream-yellow.
Purity. (Polar Bear). The best large flowered white.

Yellow and Golden

Canary Bird. (Daffodil). Clear canary-yellow.
Golden Dawn (Golden Queen). Golden yellow.
Oriole. Orange and gold.
Orange King. Orange-scarlet.

Lavender and Purple

Dream (Lavender Gem). Deep lavender.
Purple Prince (Violet Queen-Royal Purple). Deep purple.

Pink and Rose

Eldorado. (Salmon Queen). Rose on deep salmon.
Exquisite. (Enchantress). Light rose, deep rose center.
Illumination. (Rose Queen). Deep rose-red.
Luminosa (Brightness). Bright deep pink suffused salmon.
Miss Willmott. Soft pastel pink.

Red and Scarlet

Cherry Queen. Brilliant cherry-rose.
Crimson Monarch (Crimson Queen). The best red.
Meteor. (Grenadier). Rich deep red.
Will Rogers. Brilliant scarlet-red.
Scarlet Queen. (Scarlet Flame). Bright scarlet.

Each of the above: ¼ oz., **40c;** ½ oz., **70c;** oz., **$1.25;** 4 oz., **$3.75;** lb., **$11.30.**

ZINNIA FIRECRACKER

Lilliput or Pompon 1½ to 2 ft.

Flowers the size of large button type of Pompon "Mum."

Black Ruby. Blackish maroon
Canary Yellow
Crimson
Dainty Gem. Bicolor rose
Golden Gem. Golden orange
Pastel Mixture
Purple
Rose Bud
Salmon-Rose A lovely color
Scarlet Gem
White Gem
Vaughan's Special Lilliput Mixture.

Each of above 12: ¼ oz., **40c;** ½ oz., **70c;** oz., **$1.25;** 4 oz., **$3.75;** lb., **$11.30.**

Tom Thumb Mixture. Small double Lilliput-type flowers in shades of red, orange, pink, yellow, white and pastels. Delightful for low bowls. 8-10 in.
¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2.20;** 4 oz., **$6.60.**

Fantasy 2½ to 3 ft.

The rounded flowers are composed of a mass of shaggy ray-like petals.

Fantasy Mixed. Our own **formula-blend** which includes soft orchid-lavender, orange, rose, deep golden yellow dazzling scarlet and white in just the right proportions ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.50;** 4 oz., **$4.50;** lb., **$13.50.**

Pumila Fl. Pl.

This is called the "Cut and Come Again" type. 2-3 ft.

Snowball. (Alba Plena)
Canary Yellow.
Fireball.
Pinkie. Rose-pink.
Salmon-Rose.
Sunshine Tints.
Vaughan's Special Pumila Mixed. The above shades.

Each of the above 7: ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.50;** 4 oz., **$5.00;** lb., **$15.00.**

GIANT MIXTURES

★**Gold Medal Mixture.** A formula-blend composed of the most important cutflower varieties. We consider this the finest of the large flowered mixtures.

California Giants Vaughan's Special Mixture. Includes all the colors.

Super Crown of Gold Pastel Tints. Large well-formed flowers in rich pastel shades, each petal overlaid at the base with deep golden yellow.

Each of the above 3: ¼ oz., **40c;** ½ oz., **70c;** oz., **$1.25;** 4 oz., **$3.75;** lb., **$11.30.**

Creeping Zinnia

ANNUAL 42,000 seeds oz. 68° 1-2 weeks.

Procumbens. (Creeping Zinnia). Double yellow, dwarf edging and border plant.
⅛ oz., **50c;** ¼ oz., **90c;** ½ oz., **$1.60;** oz., **$2.75.**

A border planting of MARIGOLD CLIMAX and ZINNIA OLD MEXICO

Other Zinnia Varieties

Cupid Mixed. Miniature flowers, 1 inch in diameter, on slender wiry stems. Plants are compact, about 1 ft. high ⅛ oz., **40c;** ¼ oz., **70c;** ½ oz., **$1.25;** oz., **$2.00;** 4 oz., **$6.00;** lb., **$18.00.**

Linearis. (123,000 seeds per oz.) Blooms early and long, tiny semi-double orange flowers with yellow striped petal. Heat Resistant. Much used for edging and pots. Long lasting when cut. 8 to 10 in. 1/16 oz., **65c;** ⅛ oz., **$1.15;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00.**

Merry-Go-Round. Spire-like in appearance the cactus-like flowers are large with an unusual petal arrangement. Sharply defined bicolors, the outer petal in striking contrast to the center. A representative range of color, each petal being tipped in gold or white. 1/16 oz., **70c;** ⅛ oz., **$1.25;** ¼ oz., **$2.00;** ½ oz., **$3.60;** oz., **$6.00.**

Peppermint Stick Mixed. Medium size Pumila type flowers striped red and white, red and yellow, and purple and white. Attractive blooms freely produced from early until killing frost. ⅛ oz., **40c;** ¼ oz., **65c;** ½ oz., **$1.15;** oz., **$2.20;** 4 oz., **$6.60.**

Persian Carpet. Full-double miniature blooms in variegated combinations of gold and silver with maroon, wine and bronze. Mound-shaped plants for bedding. ⅛ oz., **70c;** ¼ oz., **$1.25;** ½ oz., **$2.25;** oz., **$3.75;** 4 oz., **$11.25.**

Red Riding Hood. Scarlet. Button type. ⅛ oz., **35c;** ¼ oz., **50c;** ½ oz., **90c;** oz., **$1.35;** 4 oz., **$4.40.**

Pink Lady. Shrimp pink center and cream or buff outer petal. ¼ oz., **40c;** ½ oz., **70c;** oz., **$1.25;** 4 oz., **$4.00;** lb., **$12.00.**

State Fair Mixed. A tetraploid Zinnia in a complete range of Zinnia colors and shades, all in striking contrast to heavy dark green foliage. Large flowers, thick leaves and stocky growth, the small plants present a nice appearance for flat, pack and bedding plant sales.
⅛ oz., **50c;** ¼ oz., **85c;** ½ oz., **$1.50;** oz., **$2.50;** 4 oz., **$7.50;** lb., **$22.50.**

Vaughan's Selected Vegetable Seeds

Every lot of seed we offer for sale has been tested for germination in our laboratory just prior to shipment. Every variety we offer has been or will be grown in our field trials. Our seed growers operate in the localities most favorable for disease free and problem free seed crops. All of these factors enable us to assure you that you are obtaining the very best seed when you buy from Vaughan's

YOLO WONDER PEPPER

WONDER BOY HYBRID TOMATO

PEPPER

Yolo Wonder Pepper. In our opinion the best open pollinated California Wonder type pepper. It is a dependable cropper widely adapted and has excellent fruit characteristics. We recommend it highly for market, for shipping, for bedding plant sales and home garden.

The glossy dark green fruit are mostly 4 lobed, 4—4½ inches long and 3½—4 inches in diameter and very thick meated. An outstanding variety combining mosaic resistance and vigorous plant growth with superior quality.
½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Vaughan's Hybrid Pepper. 75 days. The value of this hybrid is its ability to produce large crops of fine big peppers. Fruits are 4½-5 inches long, 4 inches in diameter, four lobed with very thick flesh. A dependable yielder under almost all conditions. 1/16 oz., **$1.50;** ⅛ oz., **$2.50;** ¼ oz., **$4.75;** ½ oz., **$9.00;** oz., **$17.50;** ¼ lb., **$52.50.**

HYBRID TOMATOES

Wonder Boy. 80 days. Large 12 oz. fruits almost globe shaped are borne on very vigorous vines and are well protected by heavy foliage. As a late variety bearing smooth excellent flavored scarlet red fruits it's hard to beat.
1/16 oz., **$2.50;** ⅛ oz., **$4.50;** ¼ oz., **$8.50;** ½ oz., **$16.00;** oz., **$30.00;** ¼ lb., **$90.00.**

Early Giant Hybrid. 68 days. This is by far the earliest of any variety with giant sized fruits (up to 12 ounces per fruit). Smooth slightly flattened globe shaped scarlet fruits. Vines strong and very prolific, 1/16 oz., **$2.50;** ⅛ oz., **$4.50;** ¼ oz., **$8.50;** ½ oz., **$16.00;** oz., **$30.00;** ¼ lb., **$90.00.**

Fantastic Hybrid. 65 days. Outstanding second early medium large fruits, high yielding and crack-resistant. Highest yields east to west. Highly recommended. A must for 1965. 1/16 oz., **$2.50;** ⅛ oz., **$4.50;** ¼ oz., **$8.50;** ½ oz., **$16.00;** oz., **$30.00;** ¼ lb., **$90.00.**

Burpees Big Boy. 85 days. Another hybrid with large (up to 12 ounces) smooth bright red fruits. Plants very vigorous and covered with heavy foliage. At least 10 days to 2 weeks later than Early Giant. 1/16 oz., **$2.50;** ⅛ oz., **$4.50;** ¼ oz., **$8.50;** ½ oz., **$16.00;** oz., **$30.00** ¼ lb., **$98.00.**

Complete Listing "Hybrid Tomatoes". See page 68.

GLOBE ARTICHOKE

Plant 1 oz. for 500 plants. Usually is grown in frost free areas as a perennial, but is easily grown elsewhere as a novelty annual if started inside in January. Flower heads will develop in September.

	½ oz.	Oz.	¼ lb.	1 lb.
Green Globe	**$0.55**	**$1.00**	**$3.00**	**$9.00**

ASPARAGUS SEED

Plant 1 oz. for 800 plants. 1 pound of seed produces roots for 1 acre.

	Oz.	¼ lb.	1 lb.
Mary Washington	**$0.30**	**$0.95**	**$2.80**
Paradise	**.40**	**1.20**	**3.60**

BEANS

Complete listing of beans, peas and corn on page 70 and 71.

BEETS

Plant 2 oz. per 150 foot of row, 7 pounds per acre in rows 18-24 inches apart. Thin red beets to 1 inch apart and Mangels, and Swiss Chard to 6 inches apart in the row.

Garden Varieties

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Crosby's Egyptian	**$0.30**	**$0.55**	**$1.60**	**$1.35**
Detroit Dark Red	**.30**	**.60**	**1.75**	**1.50**
Perfected Detroit	**.30**	**.70**	**2.00**	**1.75**
Early Wonder Special Green Top	**.30**	**.60**	**1.75**	**1.50**
Royal Red	**.30**	**.70**	**2.00**	**1.75**
Ruby Queen	**.30**	**.55**	**1.60**	**1.35**
Winter Keeper (Long Season)	**.30**	**.75**	**2.25**	**2.00**

Mangels

Mammoth Long Red	**$ .30**	**$ .45**	**$1.40**	**$1.15**

Swiss Chards

Dark Smooth. Broad White rib	**$0.30**	**$0.55**	**$1.60**	**$1.35**
Giant Fordhook	**.30**	**.55**	**1.60**	**1.35**
Lucullus	**.30**	**.55**	**1.60**	**1.35**
Rhubarb	**.30**	**.70**	**2.00**	**1.75**

BRUSSELS SPROUTS

Approximately 7,000 seeds per ounce. Same culture as broccoli. Does best when seeds are planted in the garden in mid-June and transplanted to the field in mid-July. The flavor is improved by a touch of frost.

★**Jade Cross.** An excellent F1 hybrid variety. Very productive, uniform, and easy to grow compared with other strains. ⅛ oz., **$1.15;** ¼ oz., **$2.00;** ½ oz., **$3.75;** oz., **$7.25;** ¼ lb., **$22.00.**

Long Island Improved Catskill Strain. A heavy yielding strain very uniform. Oz., **50c;** ¼ lb., **$1.50;** lb., **$4.50.**

GREEN SPROUTING BROCCOLI

Approximately 9,000 seeds per ounce. Bedding plants can be ready for sales about 4-5 weeks after seeding. Seeds germinate rapidly and are ready for transplanting in about 10 days. Transfer to coldframes to hold. Number of days in variety description refers to days required from planting plants in the garden to first harvest.

BROCCOLI WALTHAM 29

★**Waltham 29.** 60 days. A very uniform heavy yielding variety with medium sized heads. The beads are small and hold for a long time before elongating for bloom. Oz., **50c;** ¼ lb., **$1.50;** lb., **$4.50.**

De Cicco. 60 days. A good early strain. Plants are light green in color forming compact heads bluish green in color. Oz., **40c;** ¼ lb., **$1.20;** lb., **$3.60.**

Calabrese. Oz., **40c;** ¼ lb., **$1.20;** lb., **$3.60.**

Cleopatra F 1 Hybrid. (1964 All American silver medal winner). 70 days. An early maturing, high yielding, fine quality, small beaded broccoli with excellent dark green color, having a good size center head and an abundance of side shoots. The first hybrid broccoli. ½ oz. **$3.75;** 1 oz. **$7.00;** ¼ lb. **$27.00;** 1 lb. **$70.00.**

CABBAGE

Approximately 7,000 seeds per ounce. Seeds germinate rapidly and are ready to transplant into peat pots or flats in 10 days. They are ready for sale or for the field in 5 weeks. Must be grown in cool house after transplanting.

Hybrid Varieties

C-C Cross. 61 days. Very early F 1 Hybrid. Matures ahead of Golden Acre Special. Does not stand too long. ¼ oz. **$1.15;** ½ oz. **$2.00;** 1 oz. **$3.60;** 4 oz. **$11.00;** 1 lb. **$32.00.**

Instant Glamour

Emerald Cross. 67 day. A true F-1 hybrid cabbage with all the characteristics of Copenhagen Market plus hybrid vigor and uniformity. ¼ oz., **$1.15;** ½ oz., **$2.00;** oz., **$3.60;** 4 oz., **$11.00;** lb., **$32.00.**

★**O. S. Cross.** 75 days. The chief merits of this true F1 hybrid is its huge size, extreme vigor and high quality. We've been told by customers that some heads have weighed as much as 28 pounds. ¼ oz., **$1.15;** ½ oz., **$2.00;** oz., **$3.60;** ¼ lb., **$11.00;** 1 lb., **$32.00.**

Yellows Resistant Varieties

All Seasons. 90 days. It is used more for kraut than any other purpose, heads large, 7 inches deep. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Badger Ballhead. 98 days. A yellows Resistant Danish Ballhead. ½ oz., **35c;** 1 oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Badger Market. 70 days. A round headed resistant variety of 3 to 3½ pounds in weight that is ideally suited for shipping. ½ oz., **30c;** oz., **50c;** ¼ lb., **$1.55;** 1 lb., **$4.60.**

Bugner. Not available. Suggest you use Wisconsin #8.

Globe. 75 days. Resistant Glory of Enkhuizen. Solid heads 6-7 inches in diameter and weighing up to 7 pounds. Holds well. Excellent flavor and texture. ½ oz., **30c;** oz., **45c;** ¼ lb., **$1.35;** 1 lb., **$4.00.**

★**Golden Acre Resistant.** 63 days. A very uniform strain of early round headed cabbage. The heads are firm compact with bluish outer leaves. The interior is clear white of excellent quality. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** lb., **$5.00.**

Greenback. 75 days. Resistant Round Dutch-type with excellent yellows resistance and in addition resistant to bolting. A good market and shipping variety. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

★**Jersey Queen.** 60 days. A very uniform strain of early pointed or cone shaped cabbage bred with yellows resistance. Heads hard 7 inches tall and 5 inches wide weighing 3 pounds. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.60;** lb., **$4.75.**

Marion Market. 75 days. A resistant type of Copenhagen except a little later and coarser. Heavy producer and adapted for kraut and market. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.60;** 1 lb., **$4.75.**

Racine Market, Wisconsin Pride. 64 days. Large, round headed, uniform cabbage with characteristic blue green color. Holds well. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Wisconsin Ballhead Improved. 100 days. Head 7 inches in diameter, nearly round. Solid, smooth, uniform, weighing 7 pounds, smaller and more uniform than No. 8. ½ oz., **40c;** oz., **65c;** ¼ lb., **$2.00;** 1 lb., **$6.00.**

Wisconsin Copenhagen. 67 days. A very fine strain of Copenhagen; resistant, with solid heads of good color and size for market. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Wisconsin Hollander No. 8. 110 days. Heads round to flattened, dark green. 8 inches wide, 6½ inches deep and of good quality, weighing 8 pounds. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Our Specially Recommended Varieties Have A Star Before the Variety Name

Standard Varieties

Bonanza. 75 days. An almost round very firm head about 6½ inches in diameter. Very slow to bolt. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.60;** 1 lb., **$4.75.**

Charleston Wakefield. 73 days. Heads pointed or bluntly so, heart shaped, 7½ inches long, 7 inches wide, 4½ pounds in weight. ½ oz., **30c;** oz., **40c;** ¼ lb., **$1.00;** 1 lb., **$3.00.**

Copenhagen Market Select. 67 days. Desirable for early market home garden or kraut. Head round, 7 inches in diameter, weighing 4 pounds. ½ oz., **30c;** oz., **50c;** ¼ lb., **$1.50;** 1 lb., **$4.50.**

Danish Ballhead, Short Stem or Dwarf Amagar. 105 days. Used for shipping, storage and kraut. Heads round, 7 to 8 inches in diameter, very firm smooth, solid, weighing 8 pounds. Interior very closely packed, exceptional quality. ½ oz., **30c;** oz., **50c;** ¼ lb., **$1.50;** 1 lb., **$4.50.**

Early Flat Dutch. (Steins). 75 days. Head 7 inches wide, 6 inches deep, weighing 4-5 pounds; medium green color, good keeper. ½ oz., **30c;** oz., **40c;** ¼ lb., **$1.10;** 1 lb., **$3.25.**

Early Jersey Wakefield. 61 days. Like Jersey Queen but not yellows resistant. ½ oz., **30c;** oz., **40c;** ¼ lb., **$1.10;** 1 lb., **$3.25.**

Golden Acre Select. 63 days. An early round head 6 inches in diameter and weighing 3 pounds; very firm. Our special strain is widely used in areas where yellows is not a problem. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Premium Lake Flat Dutch. 110 days. 12 inches wide, 7 inches deep, weight 12 pounds. One of the largest flat heads and an excellent grower anywhere. ½ oz., **30c;** oz., **40c;** ¼ lb., **$1.10;** 1 lb., **$3.25.**

Red Varieties

Early Red Acre. (Early Red). 90 days. The earliest red cabbage, very uniform in color, size and maturity. ½ oz., **30c;** oz., **50c;** ¼ lb., **$1.50;** 1 lb., **$4.50.**

Red Wisconsin Resistant. 100 days. Same as Mammoth Rock Red except it has been bred for yellows resistance. ½ oz., **50c;** oz., **85c;** ¼ lb., **$2.50;** 1 lb., **$7.50.**

Savoy Varieties

Chieftain Savoy. 90 days. The best strain we have grown in our trials. Heads 7 inches across, 6 inches deep, weighing 5 pounds. Extremely savoyed leaf with a hard head. ½ oz., **35c;** oz., **55c;** ¼ lb., **$1.65;** 1 lb., **$5.00.**

Savoy King F 1 Hybrid. (All America Silver Medal Winner 1965). 110 days. This is an unusually meritorious Savoy Cabbage, vigorous, uniform and high yielding. Worthy of a trial. ¼ oz., **1.75;** ½ oz., **$3.00;** 1 oz., **$5.00;** ¼ lb., **$14.00;** 1 lb., **$41.00.**

Chinese Cabbage

PAOTING MICHIHLI

Michihli. 70 days. Improved Strain of Chihli uniform size and heading ability heads 15-18 inches tall, 4-5 inches thick tapering. Very fine table quality. oz., **30c;** ¼ lb., **80c;** 1 lb., **$2.50.**

Paoting or Wong Bok. 80 days. Heads short, flattened ends, 9 to 10 inches tall. oz., **30c;** ¼ lb., **80c;** 1 lb., **$2.50.**

Nagoa Spring (Hybrid). 75 days. Easily grown as a spring crop, and can be planted earlier in the summer for a fall crop. Heads resemble Wong-Bok but store better. ½ oz., **80c;** oz., **$1.50;** ¼ lb., **$4.50;** 1 lb., **$13.50.**

CARROT

One ounce will plant 300 foot of row. 1½-2½ lbs. per acre. Seed direct in rows 12 to 18 inches apart.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Chantenay Greater (Long Type)	**$0.30**	**$0.65**	**$2.00**	**$1.75**
Chantenay (Red core)	**.30**	**.65**	**2.00**	**1.75**
Danvers Half Long. Red core.	**.30**	**.65**	**2.00**	**1.75**
Gold Pak	**.40**	**1.20**	**3.50**	**3.25**
Hutchinson (Waltham Strain)	**.30**	**.85**	**2.50**	**2.25**
Imperator Long Type	**.30**	**.85**	**2.50**	**2.25**
Improved Long Orange	**.30**	**.65**	**2.00**	**1.75**
Nantes Half Long	**.30**	**.75**	**2.20**	**1.95**
Oxheart	**.30**	**.85**	**2.50**	**2.25**
Royal Chantenay	**.30**	**.65**	**2.00**	**1.75**
Sweetheart	**.40**	**1.20**	**3.50**	**3.25**
Touchon	**.30**	**.75**	**2.20**	**1.95**
Waltham Hicolor	**.40**	**1.20**	**3.50**	**3.25**

CANTALOUPE

An ounce of seed will plant 100 hills. 2½ lbs. per acre. Rows should be about 6 foot apart. Hills 4 foot apart in the row.

Cantaloupe Hybrid Varieties

Saticoy Hybrid. 90 days. Developed by a highly successful plant breeder. It is unusually sweet and of rich flavor. Vigorous and productive and resistant to fusarium wilt. ¼ oz., **$3.00;** ½ oz., **$5.50;** 1 oz., **$10.00;** ¼ lb., **$30.00;** 1 lb. **$95.00.**

Supermarket. 85 days. A very productive high quality hybrid becoming quite popular in many areas. Fruits are attractively oval, heavily netted and slightly ribbed. ⅛ oz., **$2.50;** ¼ oz., **$4.50;** ½ oz., **$8.50;** oz., **$16.50;** ¼ lb., **$50.00;** lb., **$150.00.**

Standard Varieties

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Hale's Best Jumbo Strain	**$0.30**	**$0.85**	**$2.50**	**$2.25**
Harvest Queen	**.35**	**1.10**	**3.25**	**3.00**
Hearts of Gold or Improved Hoodoo	**.30**	**.85**	**2.50**	**2.25**
Honey Dew	**.30**	**.85**	**2.50**	**2.25**
Honey Rock	**.30**	**.85**	**2.50**	**2.25**
Iroquois	**.30**	**.85**	**2.50**	**2.25**
Milwaukee Market	**.30**	**.85**	**2.50**	**2.25**
Penn Sweet	**.35**	**1.10**	**3.25**	**3.00**
Pride of Wisconsin	**.30**	**.85**	**2.50**	**2.25**
Rocky Ford. Green Flesh	**.30**	**.85**	**2.50**	**2.25**
Schoon's Hardshell (Early Bender)	**.30**	**.85**	**2.50**	**2.25**

CARDOON

Plant seeds early in greenhouse; transplant into rows 36 inches apart and 12 inches apart in the row. 1 ounce for 100 foot of row.

	½ oz.	Oz.	¼ lb.	1 lb.
Large Smooth Leaf	**$0.50**	**$0.85**	**$2.50**	**$7.50**

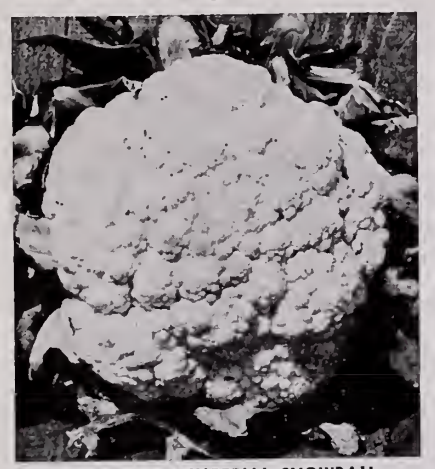
CELERY

An ounce of seed will produce 8000-10,000 plants. 20,000-30,000 plants are required to plant an acre if planted 12 inches apart in rows 24 inches.

	¼ oz.	½ oz.	Oz.	¼ lb.	1 lb.
Giant Pascal	**$0.30**	**$0.50**	**$0.85**	**$2.50**	**$ 7.50**
Golden Self-Blanching Dwarf	**.35**	**.60**	**1.10**	**3.25**	**9.75**
Spartan 162	**.70**	**1.35**	**2.50**	**7.50**	**22.50**
Summer Pascal	**.35**	**.60**	**1.10**	**3.35**	**10.00**
Tall Utah 52-70	**.70**	**1.35**	**2.50**	**7.50**	**22.50**
Utah Pascal	**.35**	**.60**	**1.10**	**3.25**	**9.75**

CAULIFLOWER

Approximately 7,000 seeds per ounce. Culture for bedding plants same as for cabbage. Bedding plant customers will be better satisfied if you sell cauliflower plants in peat pots because it insures unchecked growth.



CAULIFLOWER IMPERIAL SNOWBALL

★**Super Select Snowball.** 55 days. An early very uniform variety, all heading within a few days. Heads average 6 in. in diameter with excellent white color, a fine texture, and weigh about 2 pounds. ¼ oz., **95c;** ½ oz., **$1.75;** oz., **$3.25;** ¼ lb., **$9.75.**

Imperial Snowball. 60 days. A widely adapted early variety. Matures over a short period. ¼ oz., **85c;** ½ oz., **$1.60;** 1 oz., **$3.00;** ¼ lb., **$9.25.**

New Snowball. (Main-crop). 60 days. Weight 2 pounds, firm, compact, pure white, a most sure header. ¼ oz., **85c;** ½ oz., **$1.60;** oz., **$3.00;** ¼ lb., **$9.25.**

Snowball 25. 65 days. A very rugged strain of Snowball Cauliflower with extremely wide adaptation. It has a rather long harvest period which is preferred by many. Heads are firm, extra solid, and an excellent white. ¼ oz., **95c;** ½ oz., **$1.75;** oz., **$3.25;** ¼ lb., **$9.75.**

CELERIAC

Culture and seeding same as for celery.

	½ oz.	Oz.	¼ lb.	1 lb.
Large Smooth Prague	$0.40	$0.70	$2.15	$6.50

CHERVIL

Plant about ½ ounce of seed per 100 foot of row. Germinates slowly and grows slowly until plants are 2 inches tall. Thin to about 5 inches apart.

	Oz.	¼ lb.	1 lb.
Double Curled	$0.30	$0.75	$2.25

CUCUMBER ASHLEY

CHICORY

Plant early as possible using ½ ounce of seed per 100 foot of row. Thin plants to 6 inches.

	Oz.	¼ lb.	1 lb.
Asparagus or Radichetta	$0.30	$0.90	$2.75
Magdeburg. Large rooted	.30	.90	2.75
San Pasquale	.35	1.00	3.00
Witloof or French Endive	.30	.90	2.75

CHIVES

Plant early as possible about 1 oz. of seed for 100 foot of row.

	½ oz.	Oz.	¼ lb.	1 lb.
Allium Schoenoprasm	$0.75	$1.35	$4.10	$12.25

COLLARDS

Seeded directly in the field in rows 24-30 inches apart. Requires about 2-2½ lbs. of seed per acre, ½ ounce will plant 100 foot of row.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Georgia	$0.30	$0.40	$1.15	$1.00
Vates	.30	.70	2.00	1.85

SWEET CORN

Complete listing of corn, beans and peas on page 70 and 71.

CORN SALAD

One ounce will plant 100 foot of row. Usually not grown in acres.

	½ oz.	Oz.	¼ lb.	1 lb.
Fetticus (Mache-stick)	$0.30	$0.45	$1.30	$3.80

CRESS

One ounce will plant the equivalent of 50 foot of row. Usually not grown in acres.

	½ oz.	Oz.	¼ lb.	1 lb.
Curled or Pepper Grass	—	$0.30	$0.65	$1.90
Upland	—	.40	1.20	3.60
Water	.65	1.15	3.35	10.00

CUCUMBERS

An ounce will plant about 75 foot of row. 2-3 lbs. are required to plant an acre in hills 3 feet apart in rows 5 feet apart.

Some bedding plant markets are readily accepting cucumber plants in peat pots. They are easy to start. Just plant 2 seeds directly in a peat pot and thin to 1 plant after stand is established. Plants are ready for sale in 4 weeks.

Cucumber Hybrid Varieties

	½ oz.	1 oz.	¼ lb.	1 lb.
Challenger Hybrid	$2.00	$3.75	$12.00	$36.00
Saticoy Hybrid	2.00	3.75	12.00	36.00
63 days to maturity. Fruit 7-8 in. long and straight, a heavy producer.				
Triumph Hybrid	2.50	4.00	13.50	40.00
(All American Bronze Medal Winner 1965). An outstanding fresh market hybrid with earliness and uniform dark green fruits. Resistant to mosaic and tolerance to downy mildew.				
Vaughan's Hybrid	2.50	4.00	13.50	40.00

Standard Varieties

	1 oz.	¼ lb.	1 lb.	5 lbs. per lb.
Ashley	$ .30	$ .95	$2.75	$2.50
Chicago Westerfield Pickling	.30	.65	2.00	1.75
Fletcher	.30	.95	2.75	2.50
Improved Long Green	.30	.80	2.35	2.10
Mandarin (Chinese Type)	.40	1.20	3.75	3.50
Marketer Long Type	.30	.85	2.50	2.25
Marketer	.30	.75	2.25	2.00
National Pickling	.30	.65	2.00	1.75
Ohio MR 17 Pickling	.30	.65	2.00	1.75
Smoothie	.35	1.00	3.00	2.75
Spartan Dawn	1.00	3.00	7.00	6.50
Stono	.30	.85	2.50	2.25
Straight Eight	.30	.85	2.50	2.25
The Vaughan or Longfellow	.30	.85	2.50	2.25
West India Gherkin	.35	1.00	3.00	2.75
Yorkstate Pickling	.30	.65	2.00	1.75

DANDELION

An ounce will plant 300 foot of row 1½-2 lbs. per acre.

	½ oz.	Oz.	¼ lb.	1 lb.
Thick Leaved or Cabbaging	$0.90	$1.65	$5.00	$15.00

DILL

An ounce will plant 300 foot of row 3-4 lbs. for an acre.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Long Island Mammoth	$0.30	$0.50	$1.30	$1.05

EGG PLANT

About 6,000 seeds per ounce. Sow seed 7-8 weeks before early plant sales begin. Ready for transplanting to peat pots 14-20 days after seeding. Require warm house.

EGGPLANT BLACK BEAUTY

★**Vaughan's Hybrid.** 80 days. An F1 Hybrid of Black Beauty type. The plants are more vigorous, productive and fruits are somewhat larger. Dark purple and excellent quality. ⅛ oz., **$1.15;** ¼ oz., **$2.25;** ½ oz., **$4.00;** 1 oz., **$7.00;** ¼ lb., **$21.00.**

★**Black Beauty.** 80 days. The standard variety for broad fruits. Widely grown because of its excellent quality and flavor. Plants are 24-30 inches tall producing smooth, dark purple, deep globe shaped fruits. ¼ oz., **40c;** ½ oz., **65c;** oz., **$1.15;** ¼ lb., **$3.35;** lb., **$10.00.**

Fort Myers Market (Florida High Bush). 83 days. Plants are tall carrying the fruits well off the ground. Fruits are oval, and very dark purple. ¼ oz., **40c;** ½ oz., **65c;** oz., **$1.15;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

ENDIVE

½ ounce will plant 100 foot of row. Two pounds will plant an acre with rows 18-24 inches apart.

	Oz.	¼ lb.	1 lb.
Broad-leaved Batavian White Escarolle Full Heart	$0.30	$0.70	$2.10
Florida Deep Heart	.30	.70	2.10
Green Curled Pancalier, Rose Ribbed	.30	.70	2.10
Green Curled Summer	.30	.70	2.10
Salad King	.40	1.10	3.30

GARDEN HUCKLEBERRY

Same culture as Tomatoes, see page 68.

	½ oz.	Oz.	¼ lb.	1 lb.
Common	$0.50	$0.90	$2.65	$7.85

HERBS

During the past four or five years herbs have become more popular and to keep our customers with items to sell we have increased our listings. Most of the herbs are easily and economically grown. There is a nice profit growing and selling herb plants in 2¼ or 3 inch peat pots.

Seed requirements vary so greatly that no attempt can be made here to list them by kind.

	½ oz.	Oz.	¼ lb.	1 lb.
Anise	—	$0.40	$1.15	$3.50
Borage	—	.30	.90	2.70
Caraway	—	.30	.90	2.70
Catnip	.55	.95	2.90	8.75
Coriander	—	.30	.85	2.60
Fennel, Florence	—	.40	1.25	3.75
Fennel, Sweet	—	.40	1.15	3.50
Hyssop	.50	.85	2.50	7.50
Lavender (True)	1.00	1.85	5.50	16.50
Rosemary	1.30	2.50	7.50	22.00
Rue	.65	1.15	3.35	10.00
Saffron	.45	.80	2.40	7.20
Sage	.40	.65	1.90	5.75
Savory, Summer	.30	.50	1.45	4.30
Sweet Basil (Lettuce Leaf)	.30	.50	1.45	4.30
Sweet Marjoram	.55	.95	2.90	8.75
Thyme	1.00	1.85	5.50	16.50

KALE OR BORECOLE

½ ounce will plant 100 foot of row. Two lbs. will plant an acre in 24-30 inch rows.

	Oz.	¼ lb.	1 lb.
Dwarf Green Curled	$0.30	$0.65	$1.90
Tall Green Scotch	.30	.65	1.90
Vates (Dwarf Blue)	.30	.65	1.90
Siberian Long Standing	.30	.55	1.70

KOHLRABI

½ ounce will plant 100 foot of row. Two lbs. will plant an acre in 24 inch rows.

	Oz.	¼ lb.	1 lb.
Early Purple Vienna	$0.35	$1.00	$3.00
Early White Vienna	.35	1.00	3.00

LEEK

½ ounce will plant 100 feet of row. 2-3 lbs. for an acre planted in rows 18 inches apart.

	Oz.	¼ lb.	1 lb.
Large Musselburg	$0.50	$1.50	$4.50

LETTUCE

½ ounce will plant 100 foot of row. Two lbs. will plant an acre with rows 18-24 inches apart.

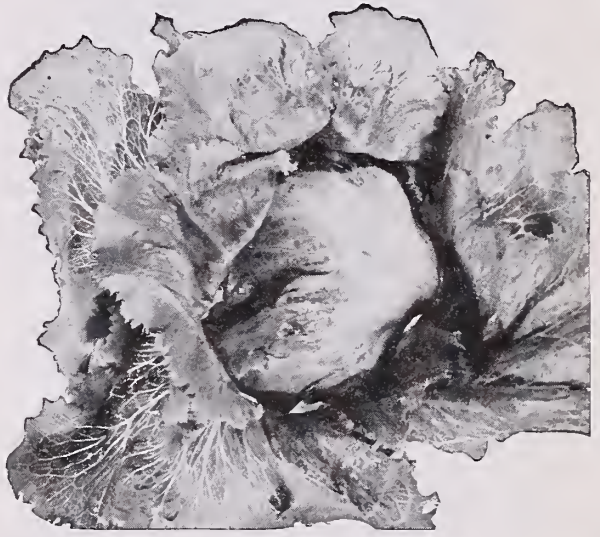
For greenhouse forcing our Grand Rapids Forcing and our Bibb strains are unsurpassed.

There is a limited market for lettuce plant sales. A few of our customers do sell lots of lettuce plants.

Leaf Varieties

	Oz.	¼ lb.	1 lb.
Black-Seeded Simpson	$0.30	$0.70	$2.00
Early Curled Simpson	.30	.70	2.00
Grand Rapids Forcing	.30	.75	2.25
Oak Leaf	.35	1.10	3.25
Prizehead	.30	.70	2.00
Ruby	.40	1.15	3.50
Salad Bowl	1.00	2.95	8.75

Crisp Head Varieties



GREAT LAKES

	Oz.	¼ lb.	1 lb.
Fulton	$0.85	$2.50	$7.50
Great Lakes (for uplands)	.65	1.85	5.50
Great Lakes No. 659 for fall crop	.65	1.85	5.50
Iceberg	.30	.75	2.25
Imperial No. 456 (for Muck or lowlands)	.65	1.85	5.50
New York No. 12	.40	1.20	3.85
Oswego	.85	2.50	7.50

Lettuce continued on next page

LETTUCE—Continued

Butter Head Varieties

	Oz.	¼ lb.	1 lb.
Buttercrunch (Bibb type)	$0.85	$2.50	$7.50
Bibb	.30	.85	2.50
Big Boston	.30	.65	2.00
Matchless	.55	1.60	4.75
Unrivalled or White Boston	.30	.85	2.50

Cos Varieties

Express Cos (Dark Green)	$0.30	$0.70	$2.10
Paris White Cos	.30	.70	2.10
Parris Island Cos	.40	1.15	3.50

Mosaic Tested Varieties

Mosaic tested seed is grown in areas free of the insects that transmit mosaic. All plants which show mosaic (which is also seed-born) are removed. This combination virtually eliminates seed-born mosaic. Lots are rated MT only if testing shows less than one tenth of one percent mosaic infected seeds.

Cornell 456 MT	$1.00	$3.00	$9.00
Great Lakes 659 MT	.85	2.50	7.50
Parris Island Cos MT	.95	2.85	8.50
White Boston MT	.60	1.85	5.50

MUSTARD

One ounce will plant 300 foot of row. About 3 lbs. will plant an acre in rows 24 inches apart.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Chinese Smooth Leaf	$0.30	$0.50	$1.00	$0.85
Florida Broad Leaved	.30	.50	1.00	.85
Giant Southern Curled Long Standing	.30	.50	1.00	.85
Green Wave (Long standing)	.30	.60	1.15	1.00
Tendergreen	.30	.50	1.00	.85

OKRA

Two ounces will plant 100 foot of row. 5-6 lbs. will plant an acre in rows 40 inches apart.

	¼ lb.	1 lb.	5 lbs. per lb.
Clemson Spineless	$0.35	$1.00	$0.85
Dwarf Long Pod	.35	1.00	.85
Perkins Mammoth	.35	1.00	.85
White Velvet	.35	1.00	.85

ABUNDANCE HYBRID

ONIONS

An ounce will plant 100 foot of row. 3-4 lbs. will plant an acre in rows 18 inches apart. Write for special quantity net prices.

Some of our customers have made nice profits selling onion plants in flats. They seed 7-10 seeds per inch of row in flats in rows 1½-2 inches apart about 6 weeks before offering the plants for sale. Short daylength varieties like Bermuda and Hybrid Sweet Spanish have been particularly good sellers.

Hybrid Varieties

	Oz.	¼ lb.	1 lb.
Abundance (Early Yellow Globe Type)	$0.95	$2.75	$8.00
Aristocrat	1.00	3.00	9.00
Autumn Spice Storage Type	.95	2.75	8.00
Brown Beauty (Yellow Globe Type)	.95	2.75	8.00
Early Harvest	1.00	3.20	9.50
Elite	1.00	3.00	9.00
Empire	1.00	3.00	9.00
Encore (Early Yellow Globe Type)	1.00	3.00	9.00
Magnifico (Sweet Spanish Type)	1.00	3.20	9.50
Premier	.95	2.75	8.00
Spartan Gem	1.00	3.00	9.00
Treasure	1.00	3.00	9.00
Vaughan's Winter Keeper	1.00	3.20	9.50

Standard Varieties

Beltsville Bunching	$1.00	$2.90	$11.50
Bermuda Yellow	.40	1.20	3.60
Crystal White Wax	.40	1.20	3.60
Downing Yellow Globe	.45	1.35	4.00
Early Yellow Globe	.45	1.35	4.00
Ebenezer Yellow	.40	1.20	3.50
Ebenezer White	.35	1.00	3.00
Golden Globe	.40	1.20	3.50
He-Shi-Ko or Jap Bunching	.35	1.00	3.00
Red Wethersfield	.40	1.35	4.00
Southport White Globe	.40	1.35	4.00
Southport Red Globe	.40	1.35	4.00
Southport Yellow Globe	.40	1.20	3.50
White Lisbon Bunching	.35	1.00	3.00
White Portugal	.40	1.20	3.60
White Sweet Spanish	.55	1.70	5.00
Yellow Sweet Spanish	.55	1.70	5.00

PARSNIP

½ ounce will plant 75 foot of row. 3-4 lbs. will plant an acre in rows 24-30 inches apart.

	Oz.	¼ lb.	1 lb.
All American Hollow Crown	$0.30	$0.50	$1.50
Harris Model	.30	.50	1.50

PARSLEY

Approximately 10,000 seeds per ounce. Parsley plants in peat pots are a natural for plant sales. Seed 9-10 weeks before offering plants for sale. Transplant to peat pots 15-21 days after seeding.

PARSLEY VAUGHAN'S XXX

Vaughan's XXX. The finest possible strain of triple curled parsley. Plants compact, dark green, with exceedingly fine cut and finely curled leaves. Oz., **30c;** ¼ lb., **85c;** 1 lb., **$2.50.**

Champion Moss Curled. 70 days. Plant compact, dark green, exceedingly fine cut, dense. Oz., **30c;** ¼ lb., **85c;** 1 lb., **$2.50.**

Plain Regular. 72 days. Leaves bright green, deeply cut, flat, not curled, stem small, solid. Oz., **30c;** ¼ lb., **85c;** 1 lb., **$2.50.**

Italian Giant Plain Celery Leaved. Leaves are larger and darker green than regular Plain Parsley. Oz., **30c;** ¼ lb., **85c;** 1 lb., **$2.50.**

Hamburg Rooted. 90 days. Root 8 to 10 inches long, parsnip like, used for flavoring. Leaves plain, deeply cut, stem hollow, tinged with purple. Oz., **30c;** ¼ lb., **85c;** 1 lb., **$2.50.**

PEAS

See complete listing of peas, beans and corn on page 70.

PEPPERS

Approximately 4,500 seeds per ounce. Seed 6-7 weeks before offering plants for sale. Transplant 10-15 days after seeding. Germinate seed warm. Peppers are very popular for plant sales.

Hybrid Variety

Instant Glamor

Vaughan's Hybrid. 75 days. The value of this hybrid is its ability to produce large crops of fine big peppers. Fruits are 4½-5 inches long, 4 inches in diameter, four lobed with very thick flesh. A dependable yielder under almost all conditions. 1/16 oz., **$1.50;** ⅛ oz., **$2.50;** ¼ oz., **$4.75;** ½ oz., **$9.00;** oz., **$17.50;** ¼ lb., **$52.50.**

Standard Varieties

All Big (Illinois F-5). 65 days. Early maturing general purpose variety for market and home garden. Fruits pendant dark green 3 and 4 lobes, walls medium thick. ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.60;** 1 lb., **$10.75.**

California Wonder. 75 days. A fine variety with sweet fruits. 4½ inches long and 3½ inches in diameter. Fruits are dark green changing to scarlet when mature. The flesh is thick, and the flavor excellent. ½ oz., **55c;** oz., **95c;** ¼ lb., **$2.75;** lb., **$8.25.**

Early California Wonder. 70 days. All the fruit and plant characteristics are the same as California Wonder and Yolo Wonder, but the variety seems to set fruits earlier in more fertile soils than either of the others. ½ oz., **55c;** oz., **$1.00;** ¼ lb., **$2.95;** lb., **$8.75.**

Cayenne, Long Red. 70 days. Plant productive, large. Fruit, 5 by ¾ inch, pendant, tapering, deep green, changing to red. Hot. ½ oz., **55c;** oz., **$1.00;** ¼ lb., **$3.00;** 1 lb., **$9.00.**

Delaware Belle. 75 days. An excellent new pepper from Delaware. Makes heavy crown sets, smooth and thick meated. ½ oz., **65c;** 1 oz., **$1.20;** ¼ lb., **$3.60;** 1 lb., **$10.75.**

Golden California Wonder. 80 days. The same as California Wonder except peppers when young are green then change to yellow as they mature and finally change to orange red. A very fine flavor and color. ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.50;** 1 lb., **$10.50.**

Hungarian Hot. 65 days. Plant medium tall and very prolific, having as many as 16 full size fruits, 7 by 1½ inches at shoulder, tapering to a straight point. Pale yellow green, changing to deep crimson. ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.50;** 1 lb., **$10.50.**

Hungarian Sweet. (Sweet Banana). Same as Hot, but sweet. (See picture). ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.50;** 1 lb., **$10.50.**

Italianelle. 62 days. An early thin fleshed sweet variety with green fruits about 5 inches long and 1½-2 inches in diameter. Excellent for drying. ½ oz., **60c;** oz., **$1.05;** ¼ lb., **$3.15;** 1 lb., **$9.50.**

King of the North, Ruby King. 68 days. Erect, prolific plants, fruit 5 by 3 inches, 3-lobed, tapered, smooth, deep green turning deep red. Sweet. ½ oz., **60c;** oz., **$1.05;** ¼ lb., **$3.15;** 1 lb., **$9.50.**

Pimento Perfection. 73 days. Plant erect, large prolific, fruit 3½ by 2½ inches, top shape, heavy walls, smooth, pendant, dark green turning to bright crimson. Sweet. ½ oz., **60c;** oz., **$1.05;** ¼ lb., **$3.15;** 1 lb., **$9.50.**

Roumanian Block Type Mild. 65 days. The Semi sweet, blocky, waxy yellow peppers make this a popular variety. The fruits are 4½ inches long and 3 inches in diameter. Only a small portion of the fruit around the seed has hotness. ¼ oz., **70c;** ½ oz., **$1.30;** oz., **$2.50;** ¼ lb., **$7.50.**

Roumanian Block Type Sweet. 65 days. Same as Roumanian Block Type Mild but sweet. ¼ oz., **70c;** ½ oz., **$1.30;** oz., **$2.50;** ¼ lb., **$7.50.**

Small Red Chili. 82 days. Plant low, spreading, productive. Fruits erect, conical, very hot; color light green, changing to bright red. Used in making pepper sauce. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Sunnybrook Pimento. 73 days. Sweet, rather tall plant, prolific, fruit 2½ by 2¾ inches, called a squash pepper or tomato pepper due to shape, deep green turning to deep red. ½ oz., **65c;** 1 oz., **$1.20;** ¼ lb., **$3.50;** 1 lb., **$10.50.**

Wisconsin Lakes. 65 days. This variety has outyielded California Wonder in Wisconsin consistently. The plants are 18 to 21 inches tall, the fruits are upright and medium to large, thick fleshed. ½ oz., **80c;** oz., **$1.45;** ¼ lb., **$4.30;** 1 lb., **$13.00.**

World Beater, Magnum Dulce. 75 days. Sweet, vigorous, upright, prolific fruit 5 by 3½ inches, mostly 4-lobed, smooth. ½ oz., **55c;** oz., **$1.00;** ¼ lb., **$2.95;** 1 lb., **$8.75.**

Yolo Wonder. 70 days. (See page 60 for color picture). By far the best strain of **California Wonder.** ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** lb., **$10.00.**

PUMPKIN

Grow in most any soil. One ounce of seed will plant 15-20 hills. Three pounds will plant one acre in hills 4 foot apart in the row with rows 7 foot apart.

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Connecticut Field or Big Tom	$0.30	$0.70	$2.00	$1.80
Halloween (Jack O'Lantern)	.30	.70	2.00	1.80
Kentucky Field	.30	.60	1.80	1.60
Small Sugar Pie	.30	.70	2.00	1.80
Striped Cushaw	.30	.70	2.00	1.80
Vaughan's Mammoth Prize	.30	.80	2.35	2.15

PEPPER HUNGARIAN OR BANANA SWEET

RADISH

One ounce of seed will plant 75 foot of row. About 15 lbs. is required to plant an acre in rows 12 inches apart. Write for special net prices for quantities.

Champion and Crimson Giant are both excellent varieties for greenhouse forcing. They both also make excellent tops for early bunching.

RADISH SCARLET GLOBE SHORT TOP

	¼ lb.	1 lb.	5 lbs. per lb.	25 lbs. per lb.
Burpee White	$0.70	$2.15	$2.00	$1.85
Cavalier	.40	1.15	1.00	.85
Champion	.40	1.30	1.15	1.00
Cherry Belle	.40	1.15	1.00	.85
Cincinnati Market	.40	1.15	1.00	.85
Crimson Giant Forcing	.35	1.10	.95	.80
Early Scarlet Globe (Medium top)	.35	1.10	.95	.80
Early Scarlet Globe (Short top)	.35	1.10	.95	.80
Improved French Breakfast	.40	1.15	1.00	.85
Red Boy (Short Top)	.40	1.15	1.00	.85
Red Prince (Fusarium Resistant)	.40	1.15	1.00	.85
Sparkler, Scarlet Turnip White Tip	.35	1.10	.95	.80
White Icicle	.35	1.10	.95	.80
White Strassburg	.45	1.40	1.25	1.10

Winter Varieties

California Mammoth White	$0.45	$1.40	$1.25	—
Chinese Mammoth or Celestial	.45	1.40	1.25	—
Long Black Spanish	.45	1.40	1.25	—
Rose or Scarlet China Winter	.45	1.40	1.25	—
Round Black Spanish	.45	1.40	1.25	—

RHUBARB

One ounce will produce 500 plants. About 5000 plants are required per acre, if planted 30 inches apart in rows 4 foot apart.

	Oz.	¼ lb.	1 lb.
Mammoth	$0.65	$1.90	$5.75
Victoria	.65	1.90	5.75

ROCKET

One ounce will seed 100 foot of row. Seldom grown in acres.

	Oz.	¼ lb.	1 lb.
Ruccoli	$0.40	$1.00	$3.50

SALSIFY

One ounce will seed 100 foot of row. 10-12 lbs. per acre if planted in 20 inch rows.

	½ oz.	Oz.	¼ lb.	1 lb.
Mammoth Sandwich Island	$0.40	$0.65	$1.90	$5.75

SORREL

One ounce sows 150 foot of row, 2-3 lbs. for an acre.

	½ oz.	Oz.	¼ lb.	1 lb.
Broad Leaved	$0.30	$0.50	$1.50	$4.50
Narrow Leaved	.30	.50	1.50	4.50

SWISS CHARD

See complete listing under beets.

SPINACH

Sow early or late as it does not do well when daylength is long. Plant 12-20 lbs. of seed per acre in rows 12-18 inches apart.

25 lbs. deduct .05c per lb., 100 lbs. deduct 10c per lb.

	¼ lb.	1 lb.	5 lbs. per lb.
Hybrid No. 7	$0.50	$1.45	$1.30
America	.30	.75	.60
Badger Savoy	.30	.75	.60
Bloomsdale Dark Green	.30	.75	.60
Bloomsdale Long Standing	.30	.75	.60
Dixie Market	.30	.80	.65
King of Denmark	.30	.75	.60
New Zealand	.30	.90	.75
Old Dominion	.30	.75	.60
Viking (Giant Nobel)	.30	.75	.60
Virginia, Blight-Resistant	.30	.75	.60

SQUASH

One ounce of seed will plant 25 hills. 5-6 lbs. will plant one acre in hills with rows 8 foot apart and hills 4 foot apart in the row.

HYBRID VARIETIES

Blackini. A very attractive Black Zucchini type squash. This true F-1 hybrid yields earlier, is more productive, and has a wider range of adaptability than the open-pollinated Black Zucchini. The plants are compact and very vigorous. oz., **85c;** ¼ lb., **$2.50;** lb., **$7.50.**

Chefini Hybrid. (All American Winner Bronze Medal). 50 days. Glossy dark green color, very uniform. Outstanding for its earliness and long production period. 7 to 8 inches long, 1½ to 2 inches in diameter. Fruits of best quality when 3 to 4 days old. 1 oz., **$1.00;** ¼ lb., **$3.50;** 1 lb., **$10.00.**

Seneca Prolific Hybrid. 50 days. A vigorous hybrid yellow straightneck squash and a heavy producer. 1 oz., **85c;** ¼ lb., **$2.50;** 1 lb., **$7.50.**

SQUASH —Continued

Greyzini. (All America Bronze Medal 1962). A very productive Grey Zucchini bush type F-1 hybrid. The fruits are more slender, slightly longer, are produced a week earlier and remain bearing several weeks longer than Grey Zucchini. oz., **$1.00;** ¼ lb., **$3.00;** lb., **$9.00.**

Saticoy Hybrid. A golden yellow Crookneck type with fruits nearly smooth and free of warts. Bushes are quite compact allowing closer planting and fruits are ready 5 to 7 days earlier than Yellow Summer Crookneck. Very productive. oz., **85c;** ¼ lb., **$2.50;** lb., **$7.50.**

Standard Varieties

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Banana (Blue)	$0.30	$0.75	$2.20	$2.00
Buttercup	.45	1.35	4.00	3.80
Butternut	.45	1.35	4.00	3.80
Caserta	.30	.85	2.50	2.30
Cocozelle	.30	.65	1.95	1.75
Crookneck Yellow Summer	.30	.55	1.75	1.55
Des Moines Jumbo, Royal Acorn	.30	.65	1.90	1.70
Des Moines Table Queen, Acorn	.30	.65	1.90	1.70
Hercules	.60	1.75	5.00	4.50
Hubbard Blue Special	.35	1.00	3.00	2.80
Hubbard Chicago Warted	.30	.80	2.35	2.00
Hubbard, Golden	.30	.80	2.35	2.00
Hubbard Improved	.30	.80	2.35	2.00
Straightneck, Early Prolific	.30	.60	1.75	1.55
Warren Turban	.35	1.15	3.50	3.30
White Bush Scallop Mammoth	.30	.65	1.90	1.70
Zucca Pergola	.45	1.35	4.25	4.00
Zucchini-Black Vegetable Marrow	.30	.65	1.90	1.70
Zucchini-Gray Vegetable Marrow	.30	.65	1.90	1.70
Zucchini-Black Beauty	.30	.90	2.60	2.40

TOBACCO

An ounce of seed will produce 20,000 plants. About ½ lb. will produce enough plants for one acre.

	½ oz.	Oz.	¼ lb.	1 lb.
Connecticut Seed Leaf	$0.50	$0.85	$2.50	$7.50
White Burley	.60	1.10	3.35	10.00

RUTABAGA OR SWEDE

Seed requirements same as for Turnip. Should be blocked and thinned 12 inches apart in the row.

	¼ lb.	1 lb.	5 lbs. per lb.
Laurentian	$0.35	$1.00	$0.90
American Purple Top Improved	.35	1.00	.90

TURNIP

For bunching 1-1½ lbs. of seed are planted per acre in rows 18 inches apart. Broadcast 2-2½ lbs. per acre. One ounce will plant 250 foot of row.

Hybrid Variety

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Just Right	$0.50	$1.65	$5.00	$4.50

Standard Varieties

	¼ lb.	1 lb.	5 lbs. per lb.
Amber or Yellow Globe	$0.35	$1.00	$0.85
Extra Early Purple Top Milan	.35	1.05	.90
Early White Milan. Earliest of all	.35	1.05	.90
Cowhorn	.35	1.00	.85
Purple Top Strap Leaf	.35	1.05	.90
Purple Top White Globe	.35	1.00	.85
Seven Top	.35	1.00	.85
Shogoin or Foliage Turnip	.35	1.00	.85
Snowball	.35	1.05	.90

WATERMELON

One ounce of seed will plant 25 hills. 2-3 lbs. of seed is required to plant an acre in hills in rows 6 foot apart and 4 foot apart in the rows.

Hybrid Varieties

	1/16 oz.	1/8 oz.	¼ oz.	½ oz.	Oz.
Dixie Queen Hybrid	—	$0.85	$1.50	$2.75	$5.00
Tri-X-317 Seedless	2.50	4.75	9.25	18.00	35.00

Standard Varieties

	Oz.	¼ lb.	1 lb.	5 lbs. per lb.
Black Lee Resistant	$0.30	$0.75	$2.15	$2.00
Charleston Gray	.30	.80	2.40	2.25
Citron	.30	.85	2.50	2.35
Cole's Early or Harris Early	.30	.75	2.25	2.10
Congo	.30	.75	2.25	2.10
Dixie Queen	.30	.85	2.55	2.40
Florida Giant (Black Diamond)	.30	.75	2.25	2.10
Golden Honey	.30	.80	2.40	2.25
Icebox	.30	.75	2.25	2.10
Kleckley's Sweet No. 6	.30	.75	2.25	2.10
New Hampshire Midget	.30	.85	2.50	2.35
Rhode Island Red	.30	.85	2.50	2.35
Stone-Mountain Resistant No. 5	.30	.65	2.00	1.85
Sugar Baby	.30	.85	2.50	2.35
Sweetheart	.30	.75	2.25	2.10
Tom Watson	.30	.60	1.80	1.65
Winter. King and Queen	.30	.65	2.00	1.85

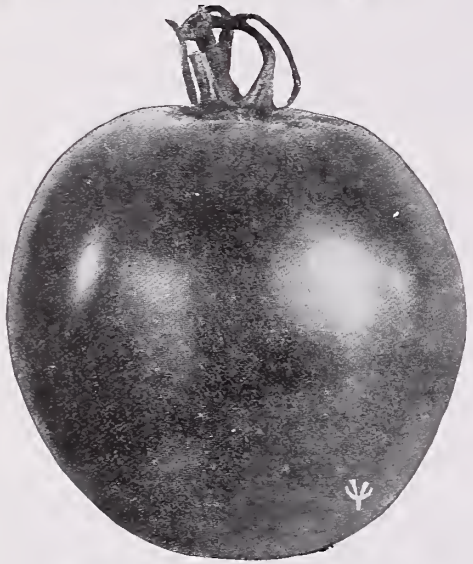
Vaughan's Exceptionally Fine Selection

GREENHOUSE FORCING VARIETIES

Tuckcross O. The largest red fruited variety we've seen suitable for forcing. Fruits set well under adverse conditions. Plants are very productive and quite disease resistant. 1/16 oz., **$3.00;** 1/8 oz., **$5.50;** 1/4 oz., **$9.50;** 1/2 oz., **$18.50;** oz., **$35.00.**

Tuckcross W. A very productive red fruited variety used because it is relatively free from cracking, blotchy-ripening and catfacing. Sets well under adverse conditions. 1/16 oz., **$3.00;** 1/8 oz., **$5.50;** 1/4 oz., **$9.50;** 1/2 oz., **$18.50;** oz., **$35.00.**

M-O Hybrid. All reports indicate that this cross between Michigan State forcing and Ohio WR-3 is one of the surest croppers for forcing. It's worth a try. 1/16 oz., **$3.00;** 1/8 oz., **$5.50;** 1/4 oz., **$9.50;** 1/2 oz., **$18.50;** oz., **$35.00.**



TOMATO MICHIGAN STATE FORCING

Michigan State Forcing. A red fruited disease resistant strain that performs exceptionally well in cloudy weather. Fruits are about 5 ounces and maintain size well throughout the season. 1/8 oz., **$1.50;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$8.50.**

Waltham Forcing. A red fruited variety suitable for fall or spring forcing. Selected because it maintains fruit size well past the 4th hand. 1/8 oz., **85c;** 1/4 oz., **$1.50;** 1/2 oz., **$2.75;** oz., **$5.00.**

Ohio WR-3. A pink fruited very smooth flattened globe variety developed by Ohio State Experiment Station for spring forcing. Fruit size excellent and disease resistance good. 1/8 oz., **$1.50;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$8.50.**

Ohio WR-7. A very smooth fruited flattened globe variety developed by Ohio State Experiment Station for fall forcing. 1/8 oz., **$1.50;** 1/4 oz., **$2.50;** 1/2 oz., **$4.50;** oz., **$8.50.**

Approximately 9000 seeds per ounce. Sow seed 6-8 weeks before offering plants for sale or planting in the field. Transplant 14-21 days after seeding.

Hybrid tomato plants grown and sold in peat pots are very profitable. Selling any variety of tomato plants in peat pots leads to your customers satisfaction. Roots grow right through the walls; and, unless completely dried out before your customer plants pot and all, they start growing as though they'd never been transplanted.

HYBRID TOMATOES

Early Giant Hybrid. 68 days. This is by far the earliest of any variety with giant sized fruits (up to 12 ounces per fruit). Smooth slightly flattened globe shaped scarlet fruits. Vines strong and very prolific, 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.50;** 1/2 oz., **$16.00;** oz., **$30.00;** 1/4 lb., **$90.00.**

Fantastic Hybrid. 65 days. Outstanding second early medium large fruits, high yielding and crack-resistant. Highest yields east to west. Highly recommended. A must for 1965. 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.50;** 1/2 oz., **$16.00;** 1 oz., **$30.00;** 1/4 lb., **$90.00.**

Vaughan's Hybrid. 80 days. A midseason red fruited variety. Very productive. Fruits somewhat flattened, smooth with excellent flavor. Considered to be an excellent hybrid of Rutgers type. 1/8 oz., **$1.65;** 1/4 oz., **$3.00;** 1/2 oz., **$5.50;** oz., **$10.00;** 1/4 lb., **$30.00.**

Super Colosal. 85 days. The largest fruited variety in our trials for the past two years. The fruits are flat somewhat rough but larger and smoother than Beefsteak and red. Ripens in season with Burpees Big Boy but larger fruits. 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.50;** 1/2 oz., **$16.00;** oz., **$30.00;** 1/4 lb., **$90.00.**

Vaughan's Early Hybrid. 68 days. A very fine early hybrid tomato adapted to either market or home gardening. Fruits are large (6-7 ounces) bright red and borne in great numbers. The variety shows all the true vigor of a true F-1 hybrid. 1/8 oz., **$1.65;** 1/4 oz., **$3.00;** 1/2 oz., **$5.50;** oz., **$10.00;** 1/4 lb., **$30.00.**

Burpees Big Boy.® 85 days. Another hybrid with large (up to 12 ounces) smooth bright red fruits. Plants very vigorous and covered with heavy foliage. At least 10 days to 2 weeks later than Early Giant. 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.50;** 1/2 oz., **$16.00;** oz., **$30.00;** 1/4 lb., **$98.00.**

Instant Glamor

Wonder Boy. 80 days. Large 12 oz. fruits almost globe shaped are borne on very vigorous vines and are well protected by heavy foliage. As a late variety bearing smooth excellent flavored scarlet red fruits it's hard to beat. 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.50;** 1/2 oz., **$16.00;** oz., **$30.00;** 1/4 lb., **$90.00.**

Vaughan's Extra Early Hybrid. 58 days. The earliest of any variety bearing large fruits—In fact its a week earlier than the earliest of the standard varieties we've grown in our trial grounds. Vines medium strong—fruits smooth slightly flattened globes with excellent flavor. 1/16 oz., **$2.50;** 1/8 oz., **$4.50;** 1/4 oz., **$8.50;** 1/2 oz., **$16.00;** oz., **$30.00;** 1/4 lb., **$90.00.**

NOVELTY VARIETIES

Instant Glamor

Tiny Tim. 45 days. Mostly a novelty for bedding plant growers this variety has become very popular because its fruits are comparable to "cocktail sized" tomatoes. We have picked ripe fruits 40 days after transplanting into our trial gardens —by far (by 3 weeks) the earliest variety we've grown.

The full grown plants are never over 12 inches tall and do not have a diameter spread of over 12 inches. They can be grown in window boxes and are usually loaded with very bright red fruits which results in their being quite a decorative window box item.

The round fruits are approximately 1 inch in diameter bright red inside and out, and very flavorful. Seed supplies have been very limited the last few years so we don't know the full potential sales of this fine novelty. 1/4 oz., **95c;** 1/2 oz., **$1.75;** oz., **$3.35;** 1/4 lb., **$10.00.**

Caro-Red. 85 days. Developed by Purdue University for extremely high Vitamin A content. Fruits yellow, a little mealy but with lots of vitamin A. 1/2 oz., **$1.00;** oz., **$1.85;** 1/4 lb., **$5.50;** 1 lb., **$16.50.**

Jubilee Golden. 80 days. The yellow skinned fruits are large smooth globes, borne on vigorous vines which can be staked and pruned. 1/2 oz., **65c;** oz., **$1.20;** 1/4 lb., **$3.60;** 1 lb., **$10.75.**

Ponderosa Yellow. 95 days. Same as regular, only color yellow. 1/2 oz., **85c;** oz., **$1.55;** 1/4 lb., **$4.60;** 1 lb., **$13.75.**

Italian Canner. A thick meated 2 celled red variety; fruits about 2-2 1/2 inches long and 1 inch in diameter. Excellent for tomato paste or green pickling. 1/2 oz., **90c;** oz., **$1.70;** 1/4 lb., **$5.00;** lb., **$15.00.**

White Beauty. Purely a novelty—fruits shaped like Rutgers only white interior and exterior when ripe. 1/2 oz., **90c;** oz., **$1.70;** 1/4 lb., **$5.00;** lb., **$15.00.**

Small Fruited Varieties. All 70 days. Available are **Red** and **Yellow Cherry, Red** and **Yellow Plum, Red** and **Yellow Pear, Yellow Peach** and Ground **Cherry.** All priced as follows: 1/4 oz., **45c;** 1/2 oz., **80c;** oz., **$1.45;** 1/4 lb., **$4.40.**

Of Tomatoes For All Purposes

STANDARD VARIETIES

Bonny Best, John Baer. 70 days. A second early variety, with flattened globe shaped fruits. Vines are medium size. Used for home and market gardening. ½ oz., **55c;** oz., **95c;** ¼ lb., **$2.90;** 1 lb., **$8.75.**

Bounty, Victor. 65 days. Plants small size, very prolific. Fruits medium large, round to globe shape, pale green in the early stage turning to a very rich red throughout, coloring well on the inside. An excellent home garden type. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.25;** 1 lb., **$9.75.**

Break O'Day. 70 days. Open, spreading growth, prolific, fruit red, medium size, globe shaped, smooth. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Crimson Cushion (Beefsteak) (Red Ponderosa). 96 days. A red fruited Ponderosa type. Fruits large, flat, roughened, with small seed cavities. ½ oz., **70c;** oz., **$1.30;** ¼ lb., **$3.85;** 1 lb., **$11.50.**

Dwarf Stone. 92 days. Tree form, short compact, fruit red, medium large flat, bright color, solid. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Earliana. 66 days. Plant open spreading, finely cut leaves, fruit red flattened, medium size, fairly smooth, the first early general purpose tomato. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

★**Fireball.** 60 days. A small vined extra early variety with very little foliage so it should be planted about 12-14 inches apart in 3-foot rows. Fruits globe shaped medium sized (5 ounces), red. ½ oz., **$1.00;** oz., **$1.90;** ¼ lb., **$5.75;** 1 lb., **$17.25.**

Firesteel. 68 days. Medium small vine, adapted to drouth conditions and sure cropper, fruit red, medium size, medium green turning to deep red, smooth and free from cracks. ½ oz., **70c;** oz., **$1.20;** ¼ lb., **$3.60;** 1 lb., **$10.75.**

Garden State. 83 days. Very prolific, bearing deep scarlet red fruit that are extra smooth and solid. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Giant Tree. (Italian Potato Leaved). (Barton Strain). 88 days. This almost should be classed as a novelty. Vines very strong thick stemmed and vigorous. Fruits large (up to 16 ounces) fairly smooth, pink, low in acid. ¼ oz., **$1.10;** ½ oz., **$2.10;** oz., **$4.00;** ¼ lb., **$12.00;** lb., **$35.00.**

★**Glamour.** 80 days. Crack resistance is the outstanding characteristic of this variety. Fruits are almost globe shaped, red when fully ripe, but ripen slowly. ½ oz., **70c;** oz., **$1.30;** ¼ lb., **$3.85;** 1 lb., **$11.50.**

Homestead #24. 85 days. A very productive variety with thick walled firm fruits excellent for both green wrap and vine ripe shipping. Fruit size about like Rutgers and holds well all season. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.25;** 1 lb., **$9.75.**

Hystep F-2. 60 days. The best second generation hybrid we've had in our trials. Crack resistant, early, productive. Vines small but enough leaf cover to protect fruits from sunscald. ¼ oz., **80c;** ½ oz., **$1.45;** oz., **$2.80;** ¼ lb., **$8.40;** lb., **$25.00.**

Manalee. 77 days. An early red disease resistant red from Gulf Coast Experiment Station. ½ oz., **55c;** oz., **95c;** ¼ lb., **$2.90;** 1 lb., **$8.75.**

Manalucie. 82 days. A fine disease resistant variety bred by Dr. James M. Walter and David G. A. Kelbert of the Gulf Coast Experiment Station in Bradenton, Florida. Manalucie is resistant to early blight, blossom-end rot, cracking, wilt and other diseases. ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.60;** 1 lb., **$10.75.**

Manapal. 82 days. Resistant to fusarium and some fungus diseases popular in long season areas. ½ oz., **60c;** 1 oz., **$1.10;** ¼ lb., **$3.75;** 1 lb., **$12.00.**

★**Marglobe.** 77 days. Plant vigorous, heavy foliage, resistant to blight, fruit red, medium large semi-globe, smooth, solid. ½ oz., **55c;** oz., **95c;** ¼ lb., **$2.90;** 1 lb., **$8.75.**

Oxheart. 90 days. Heavy coarse plant, with large fruits heart shape, pink, solid with few seeds. ½ oz., **$1.00;** oz., **$1.85;** ¼ lb., **$5.50;** 1 lb., **$16.50.**

★**Pink Shipper.** 77 days. The best we've seen in the June Pink, Gulf State Market class. It still cracks easily but not as bad as others. ½ oz., **70c;** oz., **$1.30;** ¼ lb., **$3.85;** 1 lb., **$11.50.**

Ponderosa Pink. 95 days. Large flat, roughened, small seed cells. ½ oz., **75c;** oz., **$1.35;** ¼ lb., **$4.00;** 1 lb., **$12.00.**

Pritchard (Scarlet Topper). 76 days. Self topping, resistant to fusarium and nail head, fruit red with thick walls semi-globe. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Queens. 79 days. The result of a cross between Valiant and Rutgers. Fruits are smooth and of deep globe shape. The peak of the crop is harvested about a week earlier than Rutgers. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.25;** 1 lb., **$9.75.**

Richmeat. 90 days. A large fruited Henderson variety with extremely vigorous vine growth. Flesh a little mealy and non-acid but heavily loaded with vitamins. ½ oz., **85c;** oz., **$1.50;** ¼ lb., **$5.00;** 1 lb., **$15.00.**

TOMATO RUTGERS

★**Rutgers.** 85 days. Probably the most popular of all the standard open pollinated varieties of tomato. Plants are large with thick strong stems. Fruits red, slightly flattened globe shaped, with thick walls and excellent interior color. ½ oz., **55c;** oz., **95c;** ¼ lb., **$2.90;** lb., **$8.75.**

Sioux. 70 days. Uniform Red. Early maturing plants determinate. Fruits Scarlet Medium large flattened globe with thick sidewalls. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Stokesdale. 73 days. Medium size vine but prolific, fruit red, globe shape, good walls, good canner type. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Stone Improved. 85 days. Plants are large and the fruit a deep scarlet red. ½ oz., **60c;** oz., **$1.05;** ¼ lb., **$3.15;** 1 lb., **$9.50.**

Trellis 22. 75 days. Developed by Dr. Young at the Waltham Field Station. An excellent outdoor trellis tomato of medium size. ½ oz., **$1.75;** 1 oz., **$3.25;** ¼ lb., **$12.00;** 1 lb., **$36.00.**

Valiant. 70 days. A deep Marglobe type of tomato, having large, smooth, red fruits, with few seeds and firm solid flesh. Excellent for home or market garden. ½ oz., **60c;** oz., **$1.10;** ¼ lb., **$3.35;** 1 lb., **$10.00.**

Winsall. 90 days. A Henderson selection of Ponderosa Pink. Earlier and with much smoother pink fruits. We think the flavor is better. ½ oz., **85c;** 1 oz., **$1.50;** ¼ lb., **$5.00;** 1 lb., **$15.00.**

Wiltmaster. 86 days. A new variety with great resistance to wilt bred by the Delaware Exp. Sta. The fruit are similar in type to Rutgers. ½ oz., **75c;** oz., **$1.40;** ¼ lb., **$4.10;** 1 lb., **$12.50.**

Wisconsin No. 55. 83 days. It is larger and earlier than Rutgers with no shoulder cracks and practically no blossom end rot. Ripens evenly and stands shipping very well. ½ oz., **65c;** oz., **$1.20;** ¼ lb., **$3.60;** 1 lb., **$10.75.**

BEANS; Green • Wax • Field • Pole • Limas

GREEN POD BUSH VARIETIES

BLACK VALENTINE STRINGLESS. 52 days. 6 inches long, oval with good green color. Our strain is mosaic resistant and very productive. 1 lb., **65¢;** 5 lbs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lbs., per lb., **32¢.**

BOUNTIFUL. 49 days. A sturdy bush, bearing long flat pods; 6½ inches long, ½ inch wide; stringless, straight, medium light green, some fiber but an excellent shipper. One of the fastest picking beans, good flavor. 1 lb., **65¢;** 5 lbs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lbs., per lb., **32¢.**

COMMODORE, BUSH KENTUCKY WONDER. 56 days. One of the finest flavored bush beans well adapted for home garden and market. Excellent for canning and freezing. Pods very dark green, long, round and stringless. Seeds reddish bronze, long. 1 lb., **80¢;** 5 lbs., per lb., **70¢;** 25 lbs., per lb., **60¢;** 100 lbs., per lb., **50¢.**

CONTENDER. 47 days. Very early with pods of Black Valentine type and with Tendergreen quality. It is exceptionally heavy yielding and very easy to pick. Resistant to greasy pod mosaic and common bean mosaic. 1 lb., **65¢;** 5 lbs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lbs., per lb., **32¢.**

DWARF HORTICULTURAL (Speckled Cranberry) (Dwarf Cherry). 60 days for green shell and 90 days for ripe shell. Pods dark green becoming greenish yellow splashed with carmine. Pods 5 inches long, 5/8 inch wide, stringless but having fiber. 1 lb., **75¢;** 5 lbs., per lb., **65¢;** 25 lbs., per lb., **55¢;** 100 lbs., per lb., **45¢.**

EXECUTIVE. 56 days. Basically a Tendercrop type with high pod set and light grey or off white seed color. Plants are 18-20 inches tall, very productive and resistant to common bean mosaic. Pods are 5½-6 inches long dark green, round, with small slow developing seeds. 1 lb., **95¢;** 5 lbs., per lb., **85¢;** 25 lbs., per lb., **75¢;** 100 lbs., per lb., **65¢.**

FRENCH HORTICULTURAL. 70 days. Half runner type with vines sometimes 4 feet long. The pods are 6-7 inches long often containing 8-10 shell beans attractively colored red on light tan. 1 lb., **80¢;** 5 lbs., per lb., **70¢;** 25 lbs., per lb., **60¢;** 100 lbs., per lb., **50¢.**

GREEN CROP, ITALIAN BEAN. 52 days. A wide podded excellent flavored variety easy to grow and does well in almost any soil. Pods 6-7 inches long, amost ¾ inches wide. Dark green and attractive. 1 lb., **90¢;** 5 lbs., per lb., **80¢;** 25 lbs., per lb., **70¢;** 100 lbs., per lb., **60¢.**

HARVESTER. 53 days. A mosaic resistant white seeded variety especially adapted for shipping. The plants are 15-18 inches tall upright and produce heavy concentrated yields. Pods are 6 inches long, round, medium green and hold an excellent shelf appearance when marketed green. 1 lb., **70¢;** 5 lbs., per lb., **60¢;** 25 lbs., per lb., **50¢;** 100 lbs., per lb., **40¢.**

LANDRETH STRINGLESS GREEN POD, BURPEES STRINGLESS, OR STRINGLESS GREEN POD. 50 days. Medium size bush, productive, bearing round pods 5-5½ inches long, 7/16 inch in diameter. Stringless, fleshy, nearly straight. 1 lb., **60¢;** 5 lbs., per lb., **50¢;** 25 lbs., per lb., **40¢;** 100 lbs., per lb., **30¢.**

TENDERCROP (USDA 1959 Introduction). 55 days. A variety developed by the USDA for resistance to disease. The plants are rather sprawling vigorous and well adapted to mechanical harvesting. Pods are 5½-6 inches in length round to slightly creaseback, dark green and entirely stringless and very attractive. 1 lb., **68¢;** 5 lbs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lbs., per lb., **35¢.**

TENDERGREEN. 52 days. Good sized bush bearing long round pods of excellent color. 6 inches long, ⅜ inch through. Good green color, straight, stringless. 1 lb., **65¢;** 5 lbs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lbs., per lb., **35¢.**

TOPCROP. 50 days. Dr. W. J. Zaumeyer's introduction and a variety that is topping the Tendergreen class. Mosaic resistant and heavier yielding than Tendergreen. The round pods of Topcrop are 5½ to 6 inches long, 7/16 inch wide. Seed development is slow, making for a very meaty pod. 1 lb., **65¢;** 5 lbs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lbs., per lb., **32¢.**

WADE. 55 days. This variety received the highest number of points ever given a vegetable entry in the All America. Wade is a dark, podded heavy producing tendergreen type with resistance to mosaic. Wade is ideal for market, canning or freezing. Because of a very thin seed coat germination is always a problem. 1 lb., **70¢;** 5 lbs., per lb., **60¢;** 25 lbs., per lb., **50¢;** 100 lbs., per lb., **40¢.**

WHITE HALF RUNNER. 53 days. This variety has white seeds, a bushy growth with medium long runners from which it derives its name. Pods are about 4 inches long, oval, medium-to-light green, with strings, but excellent flavor and texture. 1 lb., **65¢;** 5 lbs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lbs., per lb., **32¢.**

One pound seeds 150 oot of row. 60-75 pounds per acre. Distance between rows should be 24 to 28 in., while in the row they may be as close as 4 to 6 in. Planting should not be made till the ground has warmed and all danger of frost is over. Pole beans are seeded at ½ lb., for 150 foot of row and 35 lbs. per acre.

WAX POD BUSH VARIETIES

CHEROKEE WAX. 53 days. A waxpodded selection out of Black Valentine. The growth habit, pod size and shape, and seed color, are similar to Black Valentine except the pods have a very excellent yellow wax color. Very prolific. 1 lb., **65¢;** 5 lbs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lbs., per lb., **33¢.**

GOLDEN WAX IMPROVED, TOPNOTCH. 52 days. Very productive and compact plant. Creamy yellow pods that are straight, oval to flat, stringless and brittle. 5 inches long, ½ inch wide. Seed solid white with brown eye. 1 lbs., **75¢;** 5 lbs., per lb., **65¢;** 25 lbs., per lb., **55¢;** 100 lbs., per lb., **42¢.**

KINGHORN WAX. (Brittle Wax.) 55 days. Plant medium large, erect, vigorous and productive. Pods waxy light yellow, 5½ inches long, ⅛ inch thick. Round, fleshy, brittle, stringless and without fiber. Seed white; blackish eye, kidney shape. 1 lb., **75¢;** 5 lbs., per lb., **65¢;** 25 lbs., per lb., **55¢;** 100 lbs., per lb., **42¢.**

PENCIL POD WAX. 55 days. Plant large, strong and bears an abundance of pods over a long period. Pods 6 inches long, 7/16 inch broad. Nearly round, stringless, almost straight. Seed oblong, slightly flattened. 1 lb., **65¢;** 5 lbs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lbs., per lb., **35¢.**

FIELD and SHELL BEANS

All of these may be grown throughout the Northern districts. Any medium heavy soil is good for shell beans.

BROAD WINDSOR LONG POD. Vicia faba; (Fava or Horse Bean) 80 to 90 days. Stalk tall slender, erect, pods green hairy, 5 to 6 inches long containing 4 to 6 beans. Green shell beans large flat, light green. Dry seed large circular, flat, reddish brown with black eye. Should be planted early in the north. 1 lb., **70¢;** 5 lbs., per lb., **60¢;** 25 lbs., per lb., **50¢;** 100 lbs., per lb., **37¢.**

GREAT NORTHERN. 90 days. Hardier and heavier vine than the navy, having a longer pod and larger beans. Seed a little longer than round, and clear white in color. 1 lb., **60¢;** 5 lb., per lb., **50¢;** 25 lbs., per lb., **40¢;** 100 lbs., per lb., **30¢.**

MICHIGAN NAVY, MICHELITE. 85 days. A medium small Navy type. A better producer than the original Navy or Robust. Bred for resistance to blight. It contains less fat, less gas, and is more productive. 1 lb., **60¢;** 5 lbs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lbs., per lb., **35¢.**

RED KIDNEY. 95 days. Plant is large, vigorous. Pods 5 inches long, ½ inch broad. Dark green, oval, flat, stringy, tough. Seed reddish brown, kidney shape. 1 lb., **75¢;** 5 lbs., per lb., **65¢;** 25 lbs., per lb., **55¢;** 100 lbs., per lb., **42¢.**

POLE BEANS

Only 8 ounces of seed required to plant 150 foot of row, and 35 pounds per acre. Rows should be 4 foot apart and seeds 10-14 inches apart in the row.

BLUE COCO. 65 days. A strong growing disease resistant purple podded pole bean with superlative flavor. A home garden specialty designed for gourmets. 1 lb., **1.00;** 5 lbs., per lb., **90¢;** 25 lbs., per lb., **80¢;** 100 lbs., per lb., **70¢.**

KENTUCKY WONDER. (Old Homestead or Texas Prolific). 65 days. The strain we offer is rust resistant with excellent, thrifty vigorous vines and very productive. If kept picked, pods up to 9 inches long and ½ inch in diameter can be harvested till frost. Nearly round, indented between beans, curved, meaty brittle, fiberless, with a distinct flavor. 1 lb., **65¢;** 5 lbs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lbs., per lb., **35¢.**

KENTUCKY WONDER WAX. 65 days. Very similar to Kentucky Wonder except that the pods are yellow and shorter. A good climber and productive. Pods 7 inches long, ½ inch in diameter and oval. Fleshy, brittle. Seed chocolate brown, oval flattened. 1 lb., **80¢;** 5 lbs., per lb., **70¢;** 25 lbs., per lb., **60¢;** 100 lbs., per lb., **55¢.**

POLE BEANS Cont.

KENTUCKY WONDER WHITE SEEDED 191. 65 days. This fine pole bean was developed by the U.S.D.A. as a rust resistant white seeded variety which is very productive of beans of Kentucky Wonder type. Seeds are entirely white. 1 lb., **70¢;** 5 lbs., per lb., **60¢;** 25 lbs., per lb., **50¢;** 100 lbs., per lb., **40¢.**

LONDON HORTICULTURAL (Speckled Cranberry, Wren's Egg.) 70 days as a snap bean; 80 days for green sheli, excellent home or Market Garden type. Pods 6 inches long, 5/8 inch wide, thick, straight, stringless, dark green becoming yellowish green splashed with violet red as age progresses. 1 lb., **70¢;** 5 lbs., per lb., **60¢;** 25 lbs., per lb., **50¢;** 100 lbs., per lb., **40¢.**

MISSOURI WONDER. 66 days. Plant is large, good climber. Pods 6 inches by ½ inch. Nearly round, medium green, splashed with red, tough and stringy when overmature. Seed oblong, grey mottled with tan. 1 lb., **70¢;** 5 lbs., per lb., **60¢;** 25 lbs., per lb., **50¢;** 100 lbs., per lb., **40¢.**

SCARLET RUNNER. A large tall growing plant bearing brilliant scarlet flowers. Pods 6 inches long, 5/8 inch wide, fleshy and edible, but the variety is mostly grown for its colorful flowers and vining habit. Seed long, oval; dark mottled with bluish violet. 1 lb., **80¢;** 5 lbs., per lb., **70¢;** 25 lbs., per lb., **60¢;** 100 lbs., per lb., **50¢.**

BUSH LIMA BEANS

Planted the same as bush green beans.

BURPEE'S IMPROVED. 75 days. Bush large and productive. Pods 4¾ inches long, 1¼ inches wide, ⅜ inch thick. Seed large flat, greenish white. 1 lb., **75¢;** 5 lbs., per lb., **65¢;** 25 lbs., per lb., **55¢;** 100 lbs., per lb., **42¢.**

FORDHOOK 242. 73 days. The plant, pods, beans and flavor are the same as Fordhook. However early and total yield seems heavier and a distinct advantage is its ability to bear pods in hot dry weather. 1 lb., **70¢;** 5 lbs., per lb., **60¢;** 25 lbs., per lb., **50¢;** 100 lbs., per lb., **38¢.**

FORDHOOK. 75 days. Plant is large, erect, very productive. Pods 4 inches long, 1¼ inches wide, ½ inch thick, containing 3 to 4 large green beans of excellent quality which are easy to shell. Seed white with greenish tinge; large, plump. 1 lb., **70¢;** 5 lbs., per lb., **60¢;** 25 lbs., per lb., **50¢;** 100 lbs., per lb., **38¢.**

HENDERSON. 65 days. A very productive small seeded variety. Pods 2¾ inches long, ¾ inch wide, containing 3 to 4 seeds, small oval, flattened, white when ripe. The Lima most used in the northern districts because of earliness and uniformity of maturing. 1 lb., **60¢;** 5 lbs., per lb., **50¢;** 25 lbs., per lb., **40¢;** 100 lbs., per lb., **28¢.**

JACKSON WONDER. 65 days. Henderson type plants and fruits with speckled beans. In the north the speckled appearance of the limas develop so rapidly that use is usually confined to the south. 1 lb., **60¢;** 5 lbs., per lb., **50¢;** 25 lbs., per lb., **40¢;** 100 lbs., per lb., **28¢.**

POLE LIMA BEANS

KING OF THE GARDEN. 88 days. Plant is tall, hardy, vigorous climber and one of the most grown. Pods 6½ inches long, 1¼ inches wide, ⅜ inch thick, with 4 to 5 large oval beans, greenish white. Seed white, large flat. 1 lb., **70¢;** 5 lbs., per lb., **60¢;** 25 lbs., per lb., **50¢;** 100 lbs., per lb., **40¢.**

LARGE SPECKLED XMAS. 90 days. The plants are very vigorous and vegetative. Mainly a southern variety because of lateness of harvest and discoloration of the beans in the north. 1 lb., **70¢;** 5 lbs., per lb., **60¢;** 25 lbs., per lb., **50¢;** 100 lbs., per lb., **40¢.**

EDIBLE SOY BEANS

BANSEI. 90 days. Plant 18 to 24 inches, erect, prolific. Pods 2 to 2½ inches by ½ inch by ⅜ inch, hairy, pale green. Seeds pale green turning to glossy yellow, oval flattened. Used as shell and field beans. 1 lb., **65¢;** 5 lbs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lbs., per lb., **35¢.**

Sweet Corn • Popcorn • Peas

SWEET CORN

Days refer to the number of days between planting and when 50% of the ears are in the prime edible condition. Plant 10-12 lbs. per acre in rows 30-36 inches apart. Wait until the ground warms up for planting. 3-4 ounces will plant 100 foot of row.

OPEN POLLINATED VARIETIES

AUNT MARYS. 83 days. A white corn as good or hetter than Golden Bantam. Plants are strong, hearing 2 good ears per stalk. Ears mostly 8 rowed, with very tender hull on kernels. 1 lb., **95¢;** 5 lbs., per lb., **85¢;** 25 lbs., per lb., **75;** 100 lhs., per lh., **65¢.**

BANTAM EVERGREEN. 90 days. Stalks 7 feet tall, thrifty, good foliage. Ears 8 inches long, 2 inches in diameter, 14 to 16 rows of kernels, golden cream color, good flavor, excellent quality. 1 lb., **65¢;** 5 lhs., per lh., **55¢;** 25 lhs., per lb., **45¢;** 100 lhs., per lb., **36¢.**

BLACK MEXICAN. 85 days. Stalk 6 feet tall, ears 8½ inches long, 8 rowed, excellent flavor and very sweet; kernels white at early eating stage, turning black with age. 1 lb., **70¢;** 5 lbs., per lh., **60¢;** 25 lbs., per lb., **50¢;** 100 lbs., per lb., **40¢.**

COUNTRY GENTLEMAN. 95 days. Stalk 7 feet tall, ear 8 inches long, 2 inches thick, kernels zigzag, deep, slender white. 1 lb., **65¢;** 5 lbs., per lh., **55¢;** 25 lbs., per lb., **45¢;** 100 lbs., per lb., **35¢.**

EARLY EVERGREEN. 94 days. Stalk 7 feet tall, ears 7½ inches long, 2½ inches thick; 14 to 20 rows of kernels, white. 1 lh., **65¢;** 5 lbs., per lh., **55¢;** 25 lbs., per lb., **45¢;** 100 lhs., per lb., **35¢.**

GOLDEN BANTAM, 8 ROW. 83 days. 5talk 5½ feet, bearing one and sometimes two ears 6½ inches long, 1¾ inches through; 8 rows of kernels. One of the sweetest and hest. 1 lb., **65¢;** 5 lbs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lbs., per lb., **35¢.**

GOLDEN BANTAM, EXTRA EARLY. 80 days. The same as regular Golden Bantam hut earlier. 1 lb., **65¢;** 5 lbs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lhs., per lh., **35¢.**

GOLDEN BANTAM IMPROVED. 85 days. 5½ feet tall. 10 to 14 rows of kernels; ear 8 inches long, 2 inches through. 1 lb., **65¢;** 5 lbs., per lb., **55¢;** 25 lhs., per lb., **45¢;** 100 lbs., per lb., **35¢.**

GOLDEN MIDGET. 70 days. Ideal for the home garden. Borne on stalks 2½ to 3 feet tall. When eaten after heing frozen on the coh it still has sweetened flavor instead of coh flavor which develops in most varieties. 1 lb., **75¢;** 5 lbs., per lb., **65¢;** 25 lbs., per lb., **55¢;** 100 lbs., per lb., **43¢.**

GOLDEN SIXTY DAY. 68 days. Stalk 5 feet tall, ear 6½ inches long, 2¼ inches through. An excellent market garden type. 1 lh., **65¢;** 5 lbs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lhs., per lb., **35¢.**

STOWELL'S EVERGREEN. 95 days. 5talk 8½ feet tall, heavy ears 8 inches long, medium heavy coh. 16 to 20 rows of kernels, white with excellent quality. 1 lh., **65¢;** 5 lbs., per lb., **55¢;** 25 lbs. per lb., **45¢;** 100 lbs., per lb., **35¢.**

HYBRID VARIETIES

BANTAM EVERGREEN HYBRID. 76 days. A hyhrid hred for Roadside stand and home garden use. Ears 7 x 1½ inches, 12 rowed, kernels very tender, flavor excellent. An unusual characteristic of Bantam Evergreen Hyhrid is that its flavor doesn't cook away. 1 lb., **80¢;** 5 lhs., per lb., **70¢;** 25 lhs., per lb., **60¢;** 100 lhs., per lb., **50¢.**

BOUQUET. 78 days. A hyhrid of exceptional quality. The ears are 8 inches long and slender with 12 rows of kernels. Two ears or more are horne on 6 foot stalks. 1 lh., **95¢;** 5 lhs. per lb., **85¢;** 25 lbs. per lb., **75¢;** 100 lbs. per lb., **65¢.**

CARMELCROSS IMPROVED. 70 days. Bears large ears 7-8 inches long with 12-14 rows of kernels. Ideally suited as an early shipping variety adapted to the entire country. 1 lb., **80¢;** 5 lbs., per lb., **70¢;** 25 lbs., per lh., **60¢;** 100 lbs., per lb., **50¢.**

COUNTRY GENTLEMAN HYBRID. 99 days. Stalk 7 feet, ear 8 hy 2 inches, one of the hest canners hut hard to produce parents. The kernels are white shoepeg form and very deep. 1 lb., **95¢;** 5 lbs., per lb., **85¢;** 25 lhs., per lh., **75¢;** 100 lbs., per lb., **65¢.**

HYBRID SWEET CORN Cont.

GOLDEN BEAUTY. 67 days. A white silked early large eared hyhrid with good quality. Mostly 12 rowed. In our trials it looks and performs like a refined strain of Carmelcross. 1 lh., **80¢;** 5 lhs., per lb., **70¢;** 25 lhs., per lh., **60¢;** 100 lhs., per lb., **50¢.**

GOLDEN CROSS BANTAM. 79 days. Stalk 72 inches tall, ear 6½ by 1¾ inches. Although this was the first hyhrid sweet corn introduced it is still the standard hy which all other varieties are measured. 1 lh., **80¢;** 5 lbs., per lb., **70¢;** 25 lhs., per lh., **60¢;** 100 lbs., per lh., **46¢.**

IOANA. 81 days. Very productive, 87 stalks hearing 123 ears, free from smut. Ear 8 hy 1¾ inches carrying 12 to 14 rows of kernels of medium size. Stalk 86 inches in height, ear hase 26 to 30 inches. 1 lh., **75¢;** 5 lhs., per lb., **65¢;** 25 lhs., per lh., **55¢;** 100 lhs., per lb., **45¢.**

IOCHIEF. 83 days. Released for 1950 hy Dr. Haber of lowa State, this has heen judged all over the country as the best late yellow hyhrid sweet corn yet introduced. The ears are over 8 inches with 16 rows of kernels. Stalks are around 6 feet tall and free from tillers. 1 lb., **85¢;** 5 lbs., per lb., **75¢;** 25 lhs., per lh., **65¢;** 100 lhs., per lb., **55¢.**

MARCROSS. 69 days. An early market and home garden variety. Stalks 5 foot tall and ears 7 inches long with 10-14 rows of light yellow wide kernels. Only fair quality, hut excellent eye appeal. 1 lh., **80¢;** 5 lbs., per lb., **70¢;** 25 lhs., per lb., **60¢;** 100 lhs., per lh., **49¢.**

MINIATURE, GOLDEN MIDGET HYBRID. 68 days. The small ears 5½-6 inches long 8-10 rows are excellent for freezing on the coh similar to open pollinated Golden Midget hut much more uniform. Plants are small 3½-4 feet tall, well suited to close planting in a small garden. 1 lh., **90¢;** 5 lhs., per lb., **80¢;** 25 lhs., per lb., **70¢;** 100 lbs., per lb., **57¢.**

OUR CHOICE. 68 days. Our most popular early yellow hyhrid because it has excellent appearance in the husk and out of the husk. Stalk short hut sturdy, highly resistant to hacterial wilt. Ears 7¼ hy 1¾ inches, tapering ahruptly at tips; 10-14 rowed, with light cream-yellow, medium-hroad kernels. 1 lb., **80¢;** 5 lhs., per lh., **70¢;** 25 lbs., per lh., **60¢;** 100 lhs., per lb., **50¢.**

STOWELL'S HYBRID. 93 days. 5talk 7½ feet tall, ear 8 hy 2¼ inches, 16 to 18 rows of medium deep kernels ;white tender. 1 lh., **90¢;** 5 lbs., per lb., **80¢;** 25 lhs., per lb., **70¢;** 100 lbs., per lh., **58¢.**

SUNGLOW. 65 days. An early variety that is rapidly replacing others hecause of its very attractive relatively large (7½ in. long) ears. The flavor, sweetness and tenderness is excellent for an early variety. Stalks 54 to 65 inches tall with almost red tassels. 1 lh., **$1.20;** 5 lhs., per lb., **$1.10;** 25 lhs., per lh., **$1.00;** 100 lhs., per lh., **90¢.**

SURPRISE. (Improved 5pancross). 64 days. Stalk 54 inches tall, ear 6¾ hy 1¾ inches. Unusually good yellow type in this very early class. 1 lb., **80¢;** 5 lhs., per lb., **70¢;** 25 lhs., per lh., **60¢;** 100 lbs., per lh., **50¢.**

POPCORN VARIETIES

Pop corn seed is planted at ahout the same distance as sweet corn but hecause the seeds are smaller only 7-8 lhs. is required per acre.

JAP HULLESS. 105 days. Stalk 5 to 5½ feet tall, hearing ears 4 inches long hy 1½ inches. Kernels pop to large size and are free of hard centers. 1 lh.. **65¢;** 5 lhs., per lb., **55¢;** 25 lbs., per lb., **45¢;** 100 lhs., per lh., **32¢.**

ILLINOIS HULLESS. 100 days. An introduction from the University of Illinois, the work of Dr. B. L. Weaver. A tall stalked open pollinated top quality white pop corn. This corn will outpop even the hyhrids and is definitely more tender. 1 lh., **70¢;** 5 lbs., per lb., **60¢;** 25 lbs., per lb., **50¢;** 100 lbs., per lh., **40¢.**

MINNHYBRID 250. 110 days. A white hulless hybrid with very uniform and extremely heavy production. Has a very large expansion when popping. 1 lb., **$1.05;** 5 lhs., per lb., **95¢;** 25 lhs., per lh., **85¢;** 100 lbs., per lb., **72¢.**

PURDUE HYBRID 31. 110 days. One of the hest South American hyhrids because of its ahility to produce heavy yields, and one of the hest popping, so far as volume of popped corn. 1 lh., **90¢;** 5 lhs., per lh., **80¢;** 25 lbs., per lb., **70¢;** 100 lbs., per lh., **60¢.**

SOUTH AMERICAN. 110 days. 5talk 6 to 7 feet, ear 7 inches, having 12 to 14 rows of kernel, which are large yellow and pop to enormous size. Usually 2 ears to a stalk and well filled. When popped it is free from hard centers. 1 lb., **65¢;** 5 lhs., per lb., **55¢;** 25 lhs., per lb., **45¢;** 100 lbs., per lb., **32¢.**

PEAS

They require cool weather to do their best. One lb. will seed 100 foot of row. 100-120 lhs. will seed an acre.

ALASKA (RESISTANT). 57 days. Plant 32 inches tall, slender light green, uniform in maturing. Pods 2¾ inches long, blunt light green, round and straight, full pf peas. Seed small round. 1 lh., **55¢;** 5 lbs., per lh., **40¢;** 25 lhs., per lh., **30¢;** 100 lbs., per lh., **20¢.**

ALDERMAN (IMPROVED TELEPHONE). 74 days. Vines 4½ feet, dark green, coarse, pods 4½ inches long, plump straight, dark green pointed, contain 6 to 8 peas. In our opinion the hest of the late tall growing varieties. 1 lh., **60¢;** 5 lhs., per lh., **50¢;** 25 lhs., per lh., **40¢;** 100 lhs., per lh.' **30¢.**

AMERICAN WONDER. 61 days. Plant 16 inches, dark green, fairly coarse, pods light green, blunt straight, filled with 6 peas. 1 lb., **60¢;** 5 lhs., per lh., **50¢;** 25 lhs., per lh., **40¢;** 100 lhs., per lb., **30¢.**

DWARF GREY SUGAR. 65 days. Plant 28 inches, slender with purple hlossoms, pods edible, light green, heavily curved, semi-pointed, strongly indented. 1 lb., **60¢;** 5 lbs., per lb., **50¢;** 25 lhs., per lh., **40¢;** 100 lhs., per lb., **29¢.**

DWARF TELEPHONE (DAISY). 76 days. Plant 24 inches, light green, stocky, pods 4½ inches long, medium light green, slightly curved hroad pointed and attractive, contain 8 to 10 peas. 1 lb., **60¢;** 5 lbs., per lh., **50¢;** 25 lbs., per lb., **40¢;** 100 lhs., per lh., **30¢.**

GIANT STRIDE. 74 days. 27 inches, sturdy dark green, pods 5½ inches, slightly curved pointed, thick walled, dark green. Vines are strong and vigorous hut short (not over 18 inches) and very productive. 1 lh., **60¢;** 5 lhs., per lb., **50¢;** 25 lhs., per lh., **40¢;** 100 lhs., per lb., **30¢.**

LAXTON'S PROGRESS (LAXTONIAN, HUNDREDFOLD). 62 davs. These three varieties were grown separately hy us at one time. Thev differed mostly in color. We are growing all three as one now. Plant 16 inches, medium dark green, pods 4½ inches, dark green, curved. 1 lb., **60¢;** 5 lhs., per lh., **50¢;** 25 lhs., per lb., **40¢;** 100 lhs., per lh., **29¢.**

LAXTON'S SUPERB. 60 days. Plants are rohust, medium green, and coarse in appearance. A heavy yielding variety with pods 4½ inches long, dark green and containing 9 to 10 peas. 1 lh., **60¢;** 5 lbs., per lh., **50¢;** 25 lhs., per lh., **40¢;** 100 lhs., per lh., **29¢.**

LITTLE MARVEL. 64 days. Vine 18 inches, dark green, stocky, pods 3 inches, dark green, hlunt plump, well filled, 7 to 8 peas. Prohahly the widest adapted of known varieties. 1 lh., **60¢;** 5 lhs., per lb., **50¢;** 25 lbs., per lb., **40¢;** 100 lbs., per lh., **29¢.**

NOTT'S EXCELSIOR. 60 days. Vine 16 inches, dark green, slender, pods 2¾ inches, hlunt, round, plump, light green, contains 6 to 7 peas. 1 lh., **60¢;** 5 lbs., per lb., **50¢;** 25 lhs., per lh., **40¢;** 100 lbs., per lb., **29¢.**

THOMAS LAXTON. 62 days. Vine 36 inches, deep green, pods 3½ inches, deep green, plump hroad, blunt, contain 7 to 8 peas. 1 lh., **55¢;** 5 lbs., per lb., **45¢;** 25 lbs., per lh., **35¢;** 100 lbs., per lh., **25¢.**

WANDO. 64 days. An excellent late variety with definite resistance to frost and heat. Quite similar to Little Marvel in quality. 1 lh., **60¢;** 5 lbs., per lb., **50¢;** 25 lhs., per lh., **40¢;** 100 lhs., per lb., **29¢.**

FIELD PEAS

CALIFORNIA BLACKEYE. 95 days. Used mainly like a shell bean. Pods 9-10 inches long with cream colored seeds with a hlack eye, hean shaped. 1 lb., **60¢;** 5 lbs., per lh., **50¢;** 25 lbs., per lb., **40¢;** 100 lbs., per lb., **29¢.**

LOOK FOR THE "INSTANT GLAMOUR" name on vegetahles which Vaughan's has selected as hest hedding plant sellers.

Commercial Gladioli

Write for larger Gladioli list on all sizes. F.O.B. New York State.

The following varieties and sizes are stocked in our Downers Grove warehouse. Available January to May.

Minimum quantity, one variety and size, 100 bulbs.

Add 10% per variety less 250 bulbs.

	#1	#2
Priced per 1000	1½-2″	1¼-1½″
FRIENDSHIP Very early, pink with creamy throat	$28.00	$22.00
GAIL Early, medium lavender	28.00	22.00
HARRISBURGER Very tall, late, cherry red	30.00	24.00
HOPMAN'S GLORY Yellow	28.00	22.00
ORANGE GOLD Very large orange, mid season	28.00	22.00
MOTHER FISCHER Ruffled white	28.00	22.00
PROSPECTOR Ruffled light yellow	28.00	22.00
SANS SOUCI Tall scarlet, mid season	28.00	22.00
SPIC AND SPAN Large deep pink, mid season	28.00	22.00
SUMMER QUEEN Nicely ruffled, salmon pink	28.00	22.00
TRAVELER Unusual rose pink, mid season	30.00	25.00
VALERIA Best commercial red	30.00	25.00
WHITE FRIENDSHIP (Best White) Very early white sport of Friendship	28.00	22.00
WILD ROSE Medium rose with cream throat, mid season	28.00	22.00
GLADIOLUS—Mixed All Good Standard	25.00	20.00

Pot and Cut Flower Lilies

THE AVAILABLE DATES LISTED ARE FOR PRE-COOLED BULBS.

JAPANESE GROWN GEORGIAS (ARAI #5)

Available late September.

	Case
5-6 (500 per case)	$50.00
6-8 (400 per case)	51.00
7-9 (300 per case)	52.00
8-10 (225 per case)	53.00
9-10 (200 per case)	53.00
10-11 (150 per case)	53.00

LILIUM ERABU (JAPANESE)

Can be shipped in late September for January cut flowers or later out of cold storage.

	Case
6-8 (400 per case)	$48.00
7-9 (300 per case)	48.00
8-10 (225 per case)	48.00
9-10 (200 per case)	48.00

SPECIOSUM RUBRUM MAGNIFICUM (JAPANESE)

Available January.

Flowers are of good substance; will last a long time and do not all open at once. The color is white with pink and crimson shading, spotted with red.

	Case
7-9 inches (250 bulbs to case)	$52.50
8-9 inches (200 bulbs to case)	52.50
9-10 inches (140 bulbs to case)	52.50
11-13 inches (90 bulbs to case)	52.50

AURATUM-GOLD BANDED (JAPANESE)

Available January.

	Case
8-9 (200 per case)	$40.00
11-13 (90 per case)	42.50

LILIUM GIGANTEUM (JAPANESE) (Northern Grown)

Available December.

	Case
7-9 (300 per case)	$51.00
8-10 (225 per case)	60.00

LILIUM ALBUM (West Coast Grown)

Available November.

	Case
7-8 (200 per case)	$55.00
8-9 (150 per case)	55.00

LILIUM REGALE

LILIUM REGALE (Holland Grown)

Available November.

White Trumpet flowers—most popular outdoor trumpet lily. Pink fringe on outer edges. Flowers in July on 5-foot stems.

	Case
7-8 inch (250 per case)	$37.50
8-9 inch (200 per case)	40.00
9-10 inch (150 per case)	38.00

Vaughan's Master Select De Graaff Lilies

POT COLLECTION $50.00

AVAILABLE DECEMBER.

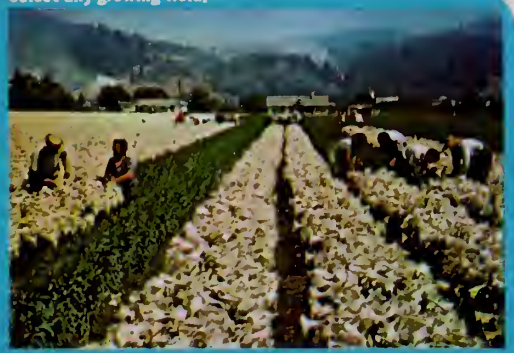
J.G.V. #1 — 200 BULBS

100	ENCHANTMENT . . Nasturtium Red
50	VALENCIA . . . . . Soft Orange
25	FIRE FLAME . . . . . Mahogany-Red
25	HARMONY . . . . . Deep Orange

Profusion of bloom is a feature of Vaughan's Master Select Lilies.

One of the Fields in which Vaughan's Master Select Lilies Grow.

Disbudding being done in a Master Select Lily-growing field.



EASTER 1965
APRIL 18th

EASTER 1966
APRIL 10th

Vaughan's Master Select Lilies Case Packs

More Easter Lilies are Grown from Vaughan's Bulbs than from any Others

ALL WEST COAST GROWN

FACTS ABOUT VAUGHAN'S LILY VARIETIES . . .

ACE: A Vaughan introduction and today's top variety. Vaughan's "Master Select" Ace is free-blooming with dark green, compact foliage and selected high disease-resistance. Forces in 120 to 122 days at 60 degrees.

KING: A West Coast grown free-blooming Vaughan's exclusive. This Master Selection Georgia-type lily is noted for vigor and disease-resistance. Usually somewhat taller than Croft or Ace. Forces in about 100 to 115 days at 60 degrees. Also a fine garden lily. A most reliable producer, even under difficult conditions.

CROFT: The original West Coast Lily with large blooms. Still a favorite of growers able to provide proper culture. 110 to 115 days forcing time at 60 degrees.

NELLIE WHITE: A variety introduced by Vaughan's almost ten years ago, again gaining some popularity. 110 to 115 days forcing at 60 degrees. Somewhat shorter foliage and smaller flowers than Croft with about the same bud count. Height is variable.

#44: A new lily under the Vaughan's "Master Select" program. It is one of the U.S.D.A. diploids. Under limited production until it has been thoroughly proven under all commercial conditions. Forcing time about 115 days. Height and bud count like Croft. Worth a try by all growers. #44 produces a very sturdy plant with flowers of good lasting quality.

MARKET PRICE

Discounts on West Coast Grown Lilies

1-9 cases..... 2% 10 days, net beyond
10-24 cases..... 5% 30 days, net beyond
25 cases & up.....10% 30 days, net beyond

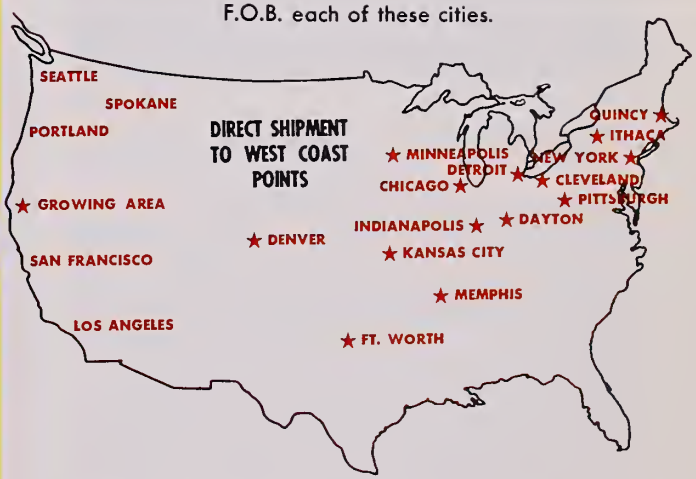
Shipments made at proper time for Easter forcing

VAUGHAN'S SUPERVISES ALL PHASES OF PRODUCTION AND SHIPPING.

Efficient, on-the-scene supervision by experienced Vaughan's personnel during the entire production, digging and shipping period is added assurance of "Master Select" quality. Fast, efficient handling speeds bulbs to Vaughan's many F.O.B. points. You get faster delivery and save on shipping charges because F.O.B. points are nearer to you.

COLD STORAGE F.O.B. POINTS

F.O.B. each of these cities.



CASE PACKS OF VAUGHAN'S LILIES

ACE		KING	
6½-7	(300)	6½-7	(300)
7-8	(250)	7-8	(250)
8-9	(175)	8-9	(200)
9-10	(150)	9-10	(150)
10-up	(100)	10-up	(100)

#44		CROFT		NELLIE WHITE	
7-8	(250)	7-8	(250)	7-8	(250)
8-9	(200)	8-9	(200)	8-9	(175)
9-10	(150)	9-10	(150)	9-10	(150)
10-up	(100)	10-up	(100)	10-up	(100)

Caladiums

Available December through June.
Write for Descriptive Color Folder.

MINIMUM ORDER—25 OF A VARIETY

★ **Indicates good for pot culture.**

Listed below are the choicest varieties of Fancy Leaved Caladiums that we have in adequate supply. If you want varieties not listed below, just write us of your needs. We have limited quantities of many more outstanding Caladiums, including Straps, Lance and Arrow-Leaf varieties.

If you do not want substitutions, please state the fact on your order. This will save time and correspondence in satisfactorily filling your order. Order early for best variety selections.

PRICES—ALL CALADIUMS
F.O.B. FLORIDA

		Per 100	Per 1000
#2	(1/1½)	$ 9.50	$ 75.00
Special #1	(1½/2)	12.50	100.00
Extra #1	(2/2½)	15.00	135.00
Jumbo	(2½/3½)	25.00	225.00
Mammoth	(3½/up)	35.00	325.00

Fancy Leaved

★ **AARON.** Creamy white center, green border.

ACE OF HEARTS. Dwarf, bright rose leaf with green border, scarlet ribs.

★ **CANDIDUM.** White with green veins.

★ **CAROLYN WHORTON.** Multi-colored leaves with purple hue.

★ **CRIMSON WAVE.** Crimson with dark green border.

★ **DR. GROOVER.** Transparent pink, green border.

★ **DR. T. L. MEADE.** Bronze red leaves, bright red midribs.

EDITH MEADE. White with green border, red midribs.

★ **FANNIE MUNSON.** Bright crimson, scarlet ribs, green border.

★ **FESTIVA.** Similar to Lord Derby, but with red leaves.

FIRE CHIEF. Crimson heart, green border, green splotches.

★ **FRED BAUSE.** Bluish red leaves, green border.

★ **FREIDA HEMPLE.** Bright red center, green border. Many leaves.

HORTULANIA. Red, low growing, medium leafer.

IMPROVED MARIE MOIR. White with red spots, green border.

★ **ITACAPUS.** Dark red with bright red spots.

★ **JOHN PEED.** Bright red center, green border.

★ **JUNE BRIDE.** White, low growing good leafer.

KATHLEEN. Salmon pink leaves, green border.

★ **LORD DERBY.** Transparent rose, dark ribs and green border.

★ **LORD ROSENBURY** (Rosebud) dwarf, rose leaf, green border.

★ **MRS. ARNO NEHRLING.** Bronze leaves turning white, with pink hue. Scarlet ribs.

MRS. W. B. HALDERMAN. Red center, narrow green border.

★ **PINK BEAUTY.** Pink leaves, green border, bushy.

PINK CLOUD. Crumpled leaf, mottled pink.

★ **POECILE ANGLAIS.** Deep crimson, metallic green border.

★ **RED FLARE.** Scarlet, blotched with green. Extra good pot plant.

★ **SEAGULL.** White lacy network on green background.

★ **THOMAS TOMLINSON.** Bright red, green border, very bushy.

★ **WHITE CHRISTMAS.** Solid white between green midribs, green border.

WHITE PRINCESS. Dwarf; white leaves, green border and midribs.

Lance Leaved

★ **CALOOSAHATCHEE.** White leaf, green border.

★ **DUTCH FRILL.** Dark red leaves, green border.

★ **E. O. ORPET.** Bright red narrow leaf.

★ **PINK GEM.** Pink and white leaves with bronze green border.

★ **POTHOS.** Green, yellow and white mottled leaves.

★ **ROSALIE.** Shiny red leaves with green border.

★ **RED FRILL.** Rose leaves, green border.

★ **ROSE FRILL.** Rose leaves, green border.

★ **WHITE FRILL.** Ivory white leaves, green border.

GLORIOSA ROTHSCHILDIANA

Climbing Lily for Cut Flowers **F.O.B. Florida.**

A profusion of brilliant red and yellow flowers. Requires three to four months to bloom. per 100

Large size tubers.....$60.00

BELGIAN GROWN BEGONIAS TUBEROUS ROOTED

Copper, Red, Orange, Pink, Salmon, Scarlet, White, Yellow.

By Color or Mixed
Ready January 1st
Double Flowered Camellia—(8 Colors)

	100	1000
1¼-1½ inch	$ 7.00	$ 60.00
1½-2 inch	11.00	95.00
2 inch and up	16.00	140.00

CARNATION FLOWERED

(FIMBRIATA. 7 COLORS—NO SALMON)

	100	1000
1½-2 inch	$12.50	$115.00
2 inch and up	17.50	155.00

PENDULA OR HANGING BASKET

(7 COLORS—NO COPPER)

	100	1000
1½-2 inch	$15.00	$125.00
2 inch and up	18.00	165.00

MULTIFLORA MAXIMA

SCARLET—PINK—WHITE—YELLOW

	100	1000
(New cross between Camellia flowered and multiflora). Good Pot Plant or bedding plant, 1¼ inch in diameter	$15.00	$125.00

"For The Very Best"

AMERICAN GROWN BEGONIAS

Ready February 1st

RUFFLED DOUBLE (Ballerina)

RED—PINK—WHITE—YELLOW—ORANGE
SCARLET—SALMON—APRICOT—ROSE.

	100	1000
1¼-1½ inch	$11.00	$ 95.00
1½ inch-2 inch	18.00	160.00
2 inch and up	22.00	200.00

ROSE FORM DOUBLE

(8 COLORS—NO ORANGE)

	100	1000
1¼-1½ inch	$11.00	$ 95.00
1½-2 inch	18.00	160.00
2 inch and up	22.00	200.00

HANGING BASKET (Pendula)

RED—PINK—WHITE—YELLOW—SALMON—APRICOT

	100	1000
1½-2 inch	$19.00	$175.00
2 inch and up	25.00	225.00

ISMENE CALATHINA

	100
PERUVIAN DAFFODIL. Flowers are pure white, borne three or four on a stem, and are very fragrant.	
Not hardy. **Ready Jan. 1st**	$30.00

TUBEROSES—Well-Cured Bulbs

Our Bulbs are secured from dependable growers who are very careful in selecting the best. **Ready Jan. 1st**

		100	1000
Dwarf Excelsior Pearl	First size, 4 to 6 in.	$9.50	$80.00
	Second size, 3 to 4 in.	7.50	60.00
Single Tuberoses, top size		8.50	70.00

GLOXINIAS

BELGIAN GROWN

Shipment December through February

Blanche de Meru—pink with white throat
Crispa Meteor—Bright red frilled border
Defiance—red scarlet
Emperor Frederik—red with white border
Emperor Wilhelm—blue with white border
Etoile de Feu—bright red
Hollywood—novelty, blue going over to scarlet purple. Very early large flowers.
Kegeljani Red—Deep red, large flowers
Kegeljani White—White large flowers
Mont Blanc—pure white
Prince Albert—deep blue
Princess Elizabeth—blue with white throat
Queen Wilhelmine—carmine
Roi des Rouges—deep red
Tigrina Red—spotted red
Tigrina Mixed—Spotted
Violacea—blue violet
Waterloo—deep red

Grow at 65 degrees in mixture half peat and half sand. Keep the soil moist and avoid direct sunlight for the plants, especially at its maximum intensity.

	100	1000
1½-2 inch	$18.00	$165.00
2 inch and up	25.00	215.00

EARLY DUG GLOXINIAS

Shipment late October through November. Varieties as listed above.

2 inch and up	$27.50	$225.00

CANNAS

Ready January 15th

KING HUMBERT. 4 ft. Scarlet flowers, bronze leaves, greatest favorite today.
YELLOW KING HUMBERT. 4 ft. An orchid flowering sport of the well known variety King Humbert.
THE PRESIDENT. 4 ft. In color a rich glowing scarlet with immense rounded flowers 7" across when fully open, produced on strong, erect stems well above the large green foliage.
HUNGARIA. 3½-ft. Very compact, almost dwarf, and of luxuriant growth. Leaves bluish green, never burn. Flowers LaFrance pink.

Price Each of above 100, **$8.50;** 1000, **$75.00.**

ELEPHANT EARS

(CALADIUM ESCULENTUM) Large green leaves. Grows 4 to 6 feet high. **Ready Jan. 15th**

Sizes in circumference	100	1000
7-9 inch. Per 100	$12.50	$110.00
9-11 inch. Per 100	20.00	180.00
11-13 inch. Per 100	30.00	250.00

HYACINTHUS CANDICANS

SUMMER HYACINTH. Perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, 4 feet high.

	100
1½ to 1¾ inches. **Ready Jan. 1st**	$7.50

Giant Hybrid Amaryllis

Famous Imported Holland Strain Amaryllis

Sensationally large well formed flowers. Brilliant colors. Greenhouse grown. True to color.

Order by color. Red, Dark Red, Scarlet, Salmon, White, Orange, Striped.

	Size 30-32 ctm. Each	Doz.	Per 25
Prepared Bulbs for Jan. Flowering Delivery From Nov. 1st	**$3.00**	**$35.00**	**$68.00**
Regular (Feb.—March Flowering) Delivery From Dec. 1st	**$2.50**	**29.00**	**56.00**

AMARYLLIS "CALIFLORA" HYBRID MIXTURE

This magnificent California grown strain is the result of crossing the finest Dutch & Domestic Hybrids. The Amaryllis produce extremely large flowers of excellent form and substance which are derived from the Dutch parentage and the plants are vigorous, healthy and evergreen which are the characteristics of the Domestic parent stock.

Delivery From Dec. 1st	Per 100	Per 1000
2½ to 2¾" Diameter	**$40.00**	**$360.00**
2¾ to 3"	**46.50**	**420.00**
3" and up	**57.50**	**525.00**

ACIDANTHERA BICOLOR

Ready Jan. 1st

MURIELAE. Flowers resembling small gladiolus grow from similar corms. The 2 inch Florets are white with deep violet blotch on 2 foot stems. Keep bulbs warm and dry. Per 100, Size ¾ to 1" **$3.00**

ANEMONE "TECOLOTE" GIANTS

DELIVERY ALL YEAR
NEW CROP SEPTEMBER

F.O.B. California (Less than $15.00, Handling Charge $1.00)

Each bulb produces many flowers. Not hardy. In West, Southwest & South plant in Fall. In colder climates, plant in Spring. Excellent as cutflower in cool greenhouse (45 degrees). Plant 1 to 2" deep and 6" apart in any soil with adequate drainage.

	Price Per 1000
Monarch DeCaen. Single Poppy type mixture **Blue Poppy.** Single blue **The Bride.** Single white **His Excellency.** Single red **Rosea (Sylphide).** Single rose **St. Brigid.** Double Mixture **The Admiral,** Double rose **The Governor.** Double red **Lord Lieutenant.** Double blue	⅞—up—**$60.00** ¾—⅞— **48.00** ⅝—¾— **31.50** ½—⅝— **15.00** ⅜—½— **7.50**

RANUNCULUS "TECOLOTE" GIANTS

DELIVERY ALL YEAR
NEW CROP SEPTEMBER

F.O.B. California (Less than $15.00, Handling Charge $1.00)

These "claw-like" bulbs should be planted "claws" down 1 to 2" deep and 8" apart in any garden soil with good drainage. Huge, fully double blooms in Reds, Pinks, Yellows, Whites, Bronze and many in between and bi-color shades. Many blooms from each bulb. Not hardy. In warmer climates, plant in Fall; in colder areas, plant in Spring or cool (45 degrees) greenhouse.

VARIETIES		Price Per 1000 Mixture	Straight Colors
Giant Mixture **Golden Yellow** **Pink** **Red** **Rose** **Sunset** (Orange) **White** **Light Yellow**	1" & Up ¾—1" ⅝—¾" ⅜—⅝"	**$70.00** **40.00** **21.00** **13.50**	**$76.00** **46.00** **26.00** **17.00**

CALLA LILIES

Ready August F.O.B. California (Less than $15.00 Handling charge $1.00)

WHITE CALLA (AETHIOPICA)	Per 100	Per 1000
1½-1¾	**$19.50**	**$170.00**
1¾-2	**27.50**	**240.00**
2-2½	**32.00**	**280.00**

December shipments from Downers Grove, Ill. or California.

PINK CALLA (Rehmannii Superba) December		
1½-2	**$16.00**	**$145.00**
2-2½	**22.00**	**200.00**
2½-Up	**29.50**	**275.00**

YELLOW CALLA (Elliottiana) December		
1¾-2	**$13.50**	**$120.00**
2-2½	**19.50**	**175.00**
2½-3	**35.00**	**315.00**
3 & Up	**50.00**	**450.00**

WHITE CALLA (Albo Maculata) December		
1¾-2	**$13.50**	**$120.00**
2-2½	**19.50**	**175.00**
2½-3	**35.00**	**315.00**
3 & Up	**50.00**	**450.00**

DAHLIAS

Ready February 1st

KEY TO ABBREVIATIONS. F.D., Formal Decorative; S.C., Semi-Cactus; Str. C., Straight Cactus.

LARGE FLOWERING TYPES

AVALON. F.D. Clear Yellow, 6" and up
CHANDELON. C. Pink and yellow, 6".
CLARA HOOK. C. Dark Yellow. 6".
D-DAY. F.D. Pink. 6" and up.
FRANCIS ARCHER. F.D. Lavender. 6" and up.
GALLANT FOX. F.D. Brilliant Red. 6" and up.
GAY. F.D. Bright yellow. 6" and up.
GOLDEN TREASURE. F.D. Golden yellow. 6" and up.
GYPSY GIRL. F.D. White with maroon flicks. 4" to 6".
JEAN KERR. F.D. White. 4" to 6".
JERSEY BEAUTY. F.D. Clear Pink. 6" and up.
KATHIE M. F.D. Blend Yellow and Pink 4-6".
MICHIGAN. White S.C. White. 6"
NICKY K. C. Bright red. 6".
PETER'S GLORY. F.D. Pink and Cream. 6".
REAL GLORY. F.D. White. 8" and up.
WANDA MEADE. F.D. Red and White. 6" and up.

Price Each of Above, 100, **$18.00;** 1000, **$150.00.**

MINIMUM ORDER—25 OF A VARIETY

Fall Bulbs for Forcing and Garden Use

A WIDE SELECTION OF THE FINEST QUALITY BULBS

WHY BUY YOUR BULBS FROM VAUGHAN'S?

Vaughan's is the largest importer of bulbs in the United States and this says something for Vaughan's knowledge of bulbs. When you buy from Vaughan's, you deal with people who really know bulbs, know how to select them for the best quality, which in turn, is passed on to you. And because of the huge quantities Vaughan's buy, you get superior quality at prices no higher than you'd pay for ordinary bulbs.

ORDER YOUR BULBS EARLY!

It is, of course, impossible for Vaughan's to publish prices for next Fall now, but we do want you to know that we handle these bulbs. For a complete listing of varieties and prices, available in March, 1965, write Vaughan's.

We urge you to order your bulbs from our salesman early so that you'll have plenty of time to decide what you want without being pressured by itinerant Dutch representatives. You'll be assured of the best stock and will get the varieties and quantities you want.

DARWIN TULIPS—12 cms. and up

Afterglow. Fine orange rose with distinct orange edge
All Bright. Fine bright red sport of Bartigon
Aristocrat. Dark violet rose, edged lighter
Bartigon. Clear crimson red, one of the best for late forcing
Bleu Aimable. Rich bluish heliotrope, exquisite shape
Campfire. Deep vermilion, sport of Bartigon.
City of Haarlem. Brilliant scarlet, large flower of beautiful shape.
Clara Butt. Clear self-colored salmon rosy pink.
Cordell Hull. Red, striped rosy and white, sport of Bartigon.
Demeter. Purple, good for early forcing.
Duke of Wellington. Pure white, large flower.
Eclipse. Glistening blood red, strong stem.
Farncombe Sanders. Fiery rose scarlet.
Glacier (syn. Wildlust). Ivory-white, large, white base and anthers.
Golden Age. Deep golden yellow, shaded orange, excellent for bedding.
Greuze. Violet purple.
Insurpassable. Lilac, large flower.
Mamasa. Bright buttercup yellow.
Niphetos. Ivory yellow, large flower of good substance.
Pandion. Purple, edged white.
Paul Richter. Geranium red, excellent for Valentine Day pots, extra for later forcing as cut flowers.
Philip Snowden. Light carmine rose, sport of Bartigon.
Pride of Haarlem. Cerise scarlet, large flower of superb form, a stately plant for borders and amongst shrubs.
Pride of Zwanenburg. Pure salmon pink, large flower.
Princess Elizabeth. Vivid rosy pink, good for outdoors.
Prunus. Salmon pink, sport of Bartigon.
Queen of Bartigons. Pure salmon pink.
Queen of Night. Deep velvet maroon.
Red Pitt. A bright red sport of Wm. Pitt, splendid forcing variety.
Rose Copeland. Rose lilac.
Scarlet Leader. Brilliant scarlet.
Scarlet Sensation. Large flower, good forcing variety.
Scotch Lassie. Deep lavender.
The Bishop. Bright violet blue, large flower. Extra variety.
The Peach. Pink.
Utopia. Cardinal.
Wm. Copland. Lovely lilac, early forcer.
Wm. Pitt. Very fine cerise red with a darker shade on the outer petals, distinct color, splendid forcer.
Yellow Giant. Yellow on tall stem.
Zwanenburg. Pure white.

TRIUMPH TULIPS—12 ctms. and up

Alberio. Cerise scarlet, yellowish edge.
Aureola. Bright red, edged golden yellow.
Bandoeng. Deep mahogany red with golden edge.
Blizzard. Creamy white, large flower, good for pots.
Denbola. Cherry red, bordered creamy white, good for pots.
Edith Eddy. Soft cerise, white edge.
Elisabeth Evers. Beautiful pink, large flower.
Elmus. Cherry red with white border, splendid for cutting.
Golden Eddy. Red, edged orange, good for pots.
Lustige Witwe (Merry Widow). Violet red, edged white.
Makassar. Dark canary yellow, good for pots.
Olaf. Scarlet, good for pans, early.
Paris. Orange-red, edged yellow, excellent for pots.
Pax. Pure white.
Preludium. Rose, white base.
Prominence. Dark red, early forcer.
Rhineland. Yellow and red, distinct bedder.

HYACINTHS 19/up, 18/19, 17/18, 16/17, 15/16, 14/15

RED and PINK
Jan Bos. Rich scarlet, early.
Lady Derby. Light pink, medium early.
La Victoire. Carmine red.
Marconi. Deep rosy pink, late forcer.
Pink Pearl. Rosy pink, best.

WHITE
Carnegie. Pure white, large spike.
L'Innocence. Pure white, broad, loose spike of elegant form, early forcer.

BLUE
Bismarck. Sky blue, large spike.
Delft's Blue. Bright porcelain blue.
Grand Maitre. Fine deep porcelain blue.
King of the Blues. Dark blue, late forcer.

YELLOW
City of Haarlem. Best yellow.

DARWIN HYBRID TULIPS—13 cms. and up

Apeldoorn. Orange scarlet, base black, edged yellow.
Dover. Fiery poppy red, very large flower.
General Eisenhower. Orange-red.
Gudoshnik. Yellow, spotted red.
Holland's Glorie. Orange scarlet, black base.
Oxford. Scarlet, yellow base, good for late forcing.
Red Matador. Carmine scarlet.
Spring Song. Bright red, flushed salmon, white base.

COTTAGE (Single Late) TULIPS—12 ctms and up

Advance. Flushed red, very large flower.
Albino. Pure white, large flower, extra for forcing.
Carrara. Pure white, good for forcing and bedding.
Golden Harvest. Deep lemon yellow, large flower, good for forcing, very popular variety.
Lincolnshire. Geranium red sport of Inglescombe Yellow.
Marshal Haig. Bright scarlet with yellow base, strong stem.
Mrs. John T. Scheepers. Pure yellow, large oval flowers.
Princess Margaret Rose. Yellow, edged and flushed orange-red, sport of Inglescombe Yellow.
Themis. Pure white, good for forcing.
White City (Mount Erebus). Pure white, creamy anthers.
Yellow Emperor. Deep golden yellow, large egg-shaped flower on tall strong stem.

PARROT TULIPS—12 ctms and up

Black Parrot. Purplish black.
Blue Parrot. Rich bluish heliotrope, excellent under glass.
Fantasy. Lovely soft rose with green streaks, inside salmon rosy, flowers are carried on erect stems.
Firebird. Fiery red, sport of Fantasy.
Karel Doorman. Cherry red, edged golden-yellow, good for late forcing.
Orange Favourite. Bright orange and green, sweet scented.
Texas Gold. Deep yellow, sport of Inglescombe Yellow.
White Parrot. Pure white, Albino sport.

Fall Bulbs (Continued)

LILY-FLOWERED TULIPS 12 CMS AND UP

Captain Fryatt. Garnet red, violet blue center.
Dyanito. Bright red.
Lilac Time. Intense violet purple.
Mariette. Deep satin rose.
Mrs. Moon. Pure Yellow, elegant shape.
Queen of Sheba. Glowing brownish red, edged orange.
Red Shine. Deep red.
White Triumphator. Pure White, extra.

BREEDER TULIPS 12 CTMS AND UP

Dillenburg. Glowing salmon orange, very popular.

SINGLE EARLY TULIPS 12 CMS AND UP

Prince Carnival. Red, flamed yellow, sport of Prince of Austria.

DOUBLE EARLY TULIPS

Bonanza. Carmine-red, edged yellow.
Electra. Splendid deep carmine.
Hoangho. Pure yellow, strong stem, early.
Mr. van der Hoef. Pure golden yellow, excellent variety.
Peach Blossom. Deep pink. Fine for forcing. The most popular double pink tulip.
Scarlet Cardinal. Glossy scarlet. Early forcer.
Schoonoord. Snow-white.
Vuurbaak. Scarlet, large flower on strong stem, late.

DOUBLE LATE (PEONY FLOWERED) TULIPS 12 CTMS AND UP

Eros. Old rose, splendid double flower.
Livingstone. Bright red.
May Wonder. Clear rose, somewhat lighter towards the base. Very strong large flower on strong stem.
Mount Tacoma. Pure white, large flower.
Nizza. Yellow, striped and feathered red.
Symphonia. Cherry red, double sport of Darwin tulip, Pride of Haarlem.
Uncle Tom. Dark glittering red, extra double.

SPECIES TULIPS TOP SIZE

Clusiana. Outer petals cheery-red, inner petals white.
Dasystemon (Tarda). Canary-yellow and white, bunch-flowering.
Eichleri. Fine vermilion orange.
Kaufmanniana (The waterlily Tulip). Creamy yellow outside, shaded soft red, inside deep yellow.
Peacock. Very attractive, different colors.
Praestans Fusilier. Vermilion-orange, bunch flowering.
Red Emperor (Mme. Lefeber). Dazzling vermilion red.
White Emperor (Purissima). White.

CROCUS 10-UP 9/10 8/9

Blue, White, Yellow, Striped, Mixed.

CHIONODOXA (GLORY OF THE SNOW) 5/UP

Lucillae. Lilac blue, pale star shaped center.
Sardensis. Bright blue.

GALANTHUS (SNOWDROPS)—5/6 CMS

Nivalis Fl. Peno (double). Pure white.
Nivalis Simplex (single). Pure white.

MUSCARI (GRAPE HYACINTHS) 9/10 8/9

Armeniacum and Early Giant. Bright blue, splendid for forcing as well as outside.
Azureum. Bright blue. 6-up.
Botryoides Alba. White. 6-up.
Plumosum. (Feather Hyacinth). Violet, top size.

SCILLA 10-UP 8/9

Campanulata Alba Maxima. Pure white.
Blue Queen. Pale blue, early.
Excelsior. Blue, extra large.
Sky Blue. Dark blue.
Rosy Queen. Pink, short trusses on long stems.
Mixed varieties.

SCILLA

Sibirica. Sky blue. 8-up 7/8.
Alba. White, top size.
Spring Beauty. Sky blue, large, 10/up, 8/9.

THE BEST IRIS FOR CUT FLOWERS

WEDGEWOOD (AMERICAN GROWN)

These are heat treated after harvest insuring that they will flower. Experiments have proven that this is necessary for good percentage of flowering in cool harvest years. If the weather is warm the treatment is not necessary but we heat treat to be safe. For early flower order Precooled (6 weeks at 48 degrees).

PRECOOLED (FLOWER CHRISTMAS AND EARLY JANUARY)

If you have facilities to precool your own Iris ask us to ship "early for own precooling."

We recommend "own precooling" if at all possible (6 weeks at 48°F.)

REGULAR WEDGEWOOD (AMERICAN)

(Can be shipped September 5th for own precooling).

PRECOOLED WEDGEWOOD (AMERICAN)

(Shipped on October 15th)

Wedgewood Sizes 11/up, 10/11, 9/10, 8½/9.

DUTCH IRIS—AMERICAN GROWN 8/UP 7/8 6/7

Charles W. Orton. Outstanding new yellow. Uniform pure gold, early forcer.
David Haering. Good grower & forcer, pure white when forced, medium early.
Golden Harvest. Popular yellow, medium early forcer, excellent for outside cut flowers.
Imperator. Dark blue, one of the best for late forcing or outside cut.
Joan of Arc. Very large creamy white flower, tall, excellent early forcer.

DUTCH IRIS American Grown Cont.

Moonlight. Yellow with light yellow standards, one of the earliest forcing yellows. Excellent for precooling.
Pacific Gold. Uniform pure yellow, excellent grower and forcer, early.
The Orchid. Beautiful true orchid coloring, medium late.
Van Vliet. Violet and pearl blue, popular forcer, medium early.
White Perfection. Large pure white flower, prolific grower, excellent early forcer.
White Superior. Pure white, large flower, excellent forcer.
Yellow Queen. Bright primrose yellow, canary yellow falls, early.

NARCISSI (AMERICAN GROWN) DN No. 1

YELLOW TRUMPETS

Golden Harvest. A giant trumpet. Uniform golden yellow. Excellent for early forcing.
King Alfred. The well known leading trumpet daffodil. Uniform clear rich golden yellow, great substance. Excellent for forcing as well as for the garden.
Rembrandt. Uniform deep yellow perianth and trumpet, flower of fine proportions and shape. Highly recommended. Good for pots.
Unsurpassable. Very large, golden yellow.

BICOLOR TRUMPETS

Queen of Bicolors. Perianth white, trumpet canary yellow.
Spring Glory. White perianth, large yellow trumpet.

WHITE TRUMPETS

Beersheba. Beautiful pure white variety.
Mount Hood. Pure ivory white perianth, creamy white trumpet. Very large.
Mrs. E. H. Krelage. Trumpet creamy, changing to pure white, medium early.

NARCISSI American Grown Cont.

LARGE CUP

Dick Wellband. Pure white perianth, bright orange-red cup.
Flower Record. White perianth, deep yellow cup edged orange.
Fortune. Brad flat overlapping clear yellow perianth of solid texture, very large, blowing orange crown. Early.
John Evelyn. Large overlapping ivory white perianth, large flat apricot crown, heavily frilled.
Mrs. R. O. Backhouse. Ivory white perianth, graceful apricot pink trumpet with deeply fringed edge.
Scarlet Elegance. Perianth deep yellow, cup deep orange-red scarlet edge, outstanding variety.

SMALL CUP

Edward Buxton. Light yellow perianth, deep orange cup.

POETICUS

Actaea. Large pure white perianth of perfect shape, brilliant scarlet eye. The tallest & finest Poeticus. Medium early.

POETAZ

Cheerfulness. White perianth with full double center of white and yellow. Medium early.
Geranium. Round flat pure white perianth, deep orange-red cup. One of the best in this class. Strong stem, 6 to 8 flowers on a stem. Very late.
Scarlet Gem. Primrose yellow perianth, cup deep orange. Very striking and attractive.
Yellow Cheerfulness. Soft yellow, double.

DOUBLE

Texas. Pale yellow with orange red petals through the center. Very attractive, early.
Twink. Semi-double, primrose with inner petals of light orange. Tall strong stem.

Azaleas—For Growing On (April-June Delivery)

4¼" LINERS—F.O.B. CALIFORNIA

Are offering to you liners in 4¼" squore pots; heod size should run 4x5" or better; well bronched ond shoped plonts.

STANDARD VARIETIES

CHIMES—Brilliant red flower. Good grower. Early to Midseason.
DR. BERGMAN—Dark pink. Midseason.
CALIF. SUNSET—Large coppery red and white. Early.
L. J. BOBBINK—
SWEETHEART SUPREME—Dble. light salmon-pink. Midseason to late.

HYBRID VARIETIES

ABLAZE—Semi double, Christmas red color. Early to late. Pat. No. 2312.
APPLE BLOSSOM TIME—Shaded dark phlox pink. Resembles apple blossoms. Early to Mid-season. Pat. No. 2307.
CORAL DELIGHT—Carmine-rose. Semi-double. Early to Mid-season. Pat. No. 2305.
PINK ENCHANTRESS—Fuchsine pink. Early to Mid-season. Pat No. 2310.
PINK FROSTING—Phlox pink w/frosted appearance. Mid-season. Pat. No. 2309.
RED BEAUTY—Better Times red color. Early to late season. Pat. No. 2308.
SUNRISE—Neyron rose. Early to late. Medium growth. Pat. No. 2432.
IRRESISTABLE—Neyron rose. Medium growth. Mid-season to late. Pat. No. 2311.
LINDA LEWIS—Light carmine. Medium growth. Early to late. Non-patented.
YUM YUM—Carmine rose. Midseason to late. Pat. No. 2306

PRICES

PER 100: **$55.00** ..... PER 1000: **$500.00**
Plus 10 cent royalty on the Hybrids.
Minimum order: 250; 25 of a variety.
Packing charge of 5% of order not counting royalty.

KURUME AND PERICATE—F.O.B. ALABAMA

ALASKA. White.
BARBARA GAIL. Dble. pink Pericat.
CHRISTMAS CHEER.
CORAL BELL. A beautiful, hose-in-hose pink; blooming early to mid-season.
***CORAL BELL SUPREME.** (Pat.) Larger than Coral Bell.
DARK ROSE QUEEN.
HAHN'S RED. (Mudders Kinstag).
GLORY.
HERSHEY RED.
HEXE. Brilliant red and very reliable mid-season to late.
H. H. HUME
HINODEGIRI. Compact grower, fiery red; blooming quite late.
HINODEGIRI DOUBLE. Dark pink.
MASSAOIT.
ORANGE CUP SHAPE.
PINK SUPREME. Rose-pink sport of Mme. Pericat. Late flowering.
***RED WING.** Large fluffy red Pat. No. 1159.
ROSE BANNER.
SALMON BEAUTY.
SNOW. Hose-in-hose, pure white. Compact grower and late flowering.
SWEETHEART SUPREME. Double light salmon-pink, Mid-season to late.
WHITE PERICAT.

	100	1000
3 inch Peat Pots. (This size available November thru June)	$25.00	$200.00
5x6 inch spread	60.00	500.00
6x8 inch spread	80.00	700.00
8x10 inch spread	100.00	900.00

Less thon 250 plants of one voriety toke 100 rote, 250 or more of one voriety ot 1000 rote.
***Corol Bell Supreme, Red Wing. 10¢ Extro royolty fee.**
Minimum order 25 of one size ond voriety.

INDICAS—OWN ROOT—F.O.B. ALABAMA

ABUNDANCE.
ALBERT & ELIZABETH. Pink & white. Midseason.
CANDYSTICK. Variegated Triumphe form, rose red with white variegation.
CHIMES. A brilliant red flower; strong grower. Early to Midseason.
DR. BERGMAN. Dark pink with darker veins. Midseason.
JEAN HAERENS. Double rose pink. Midseason.
LOELIA ALBA. White. Midseason.
VERVAENEANA ALBA. White.

	100	1000
3 inch Peat Pots. (This size available November thru June)	$35.00	$300.00
5-6 inch spread	80.00	700.00
6-8 inch spread	100.00	900.00

Minimum order 25 of one size ond voriety.

AZALEAS—FOR GROWING ON

This is only a listing of one growers stock. We ship from 6 growers and can supply your needs if you send us order stating size and delivery desired.

BEGONIAS

DOUBLE 2¼"—BRONZE FOLIAGE

Corlton Bozoor, Med. pink
Double Cormen, Pink
Fire Fly, Deep red
Pink Comellio, Pink
Red Camellio, Rose red
Robin Hood, Pink
Snowdrop, White
Toonstrone, Med. pink

	100
Minimum—50 Plants of any one variety	$30.00
Speciol collection, Minimum order 100 2¼" plants	25.00

	Per 100
CORALLINE LUCERNE (TRUE ANGEL WING), 2¼"	$25.00
GENEVA SCARLET, 2¼", Double Scarlet	25.00
WHITE, 2¼", Double white	25.00
WESTPORT BEAUTY, 2¼", Double pink	25.00
REX. Mixed Choice Varieties. 2¼"	35.00
5" Asst. varieties	$1.50 each
FIBROUS ROOTED EVER BLOOMING	
2¼-inch. Named Varieties	15.00

CHRYSANTHEMUMS and CARNATIONS

The production of **CHRYSANTHEMUM,** year around schedules cut flowers and pots, garden varieties plus cultural information are all in Vaughan's Mum Manual. Manual is usually mailed in January.

It also contains a complete listing of **CARNATIONS,** standard varieties, Novelties and Miniatures.

Hydrangeas

(FOB) BALTIMORE

All Prices per 100 Plants
In Units of 25 Per Variety

SPRING DELIVERY FOR GROWING ON

		Rooted Cuttings 1 Shoot	3" 1 Shoot
GROUP-A		per 100	
*Merritt's Blue	(M) A Good Blue	$22.00	$45.00
Merritt's Pride	(M) A New Red		
Merritt's Supreme	(M) Deep Pink		
Monte Forte Perle	Red		
Red Cop	(M) Cormine Red		
GROUP-B		per 100	
*Kuhnert	(M) Rose Pink	18.00	35.00
*Merveille	(L) Light Red		
*Red Star	(M) Brilliont		
Regula	(E) White		
*Rose Supreme	(M) Rose Pink		
Sister Therese	(M) Best White		
Strofford	(M) Dork Pink		
Todi	(M) Dork Pink		

DORMANT—FALL DELIVERY

***Merritt's Blue—Pride—Supreme—Monte Fort Perle—Red Cop**

	3" 1 shoot	4" 1 shoot	4" 2 or more	5" 3 or more
Per 100	45.00	60.00	80.00	100.00

Merveille—Red Stor
Kuhnert—Regulo—Strofford
Sister Therese—Rose Supreme—Todi

Per 100	35.00	50.00	70.00	90.00

***These Vorieties Blue Eosily**

DORMANT BUDDED—F.O.B. URBANA, OHIO

DORMANT STOCK FOR EASTER AND MOTHER'S DAY FORCING

	4"	5" & 6"
Strofford	1 Cane 2 Cane	2 Cane 3 Cane 4 Cane 5 Cane
Merveille	1 Cane 2 Cane	2 Cane 3 Cane 4 Cane 5 Cane
		5" Only
Kuhnert	1 Cane 2 Cane	2 Cane 3 Cane 4 Cane 5 Cane
Rose Supreme	1 Cane 2 Cane	2 Cane 3 Cane 4 Cane 5 Cane
Engel's White	1 Cane 2 Cane	2 Cane 3 Cane 4 Cane 5 Cane
Regulo	1 Cane 2 Cane	2 Cane 3 Cane 4 Cane 5 Cane

	Each Up to 100	Each 100 or more
1 Cane 4"	$ .50	$ .45
2 Cane 4"	.55	.50
2 Cane 5" & 6"	.70	.65
3 Cane 5" & 6"	.90	.80
4 Cane 5" & 6"	1.05	.95
5 Cane 5" & 6"	1.20	1.10

Packing and Delivery extra, but charged at cost. Orders shipped in pots will be charged as follows:

4"—3½ cents 5"—6 cents 6"—9 cents

DORMANT BUDDED—F.O.B. KANSAS CITY

CARTON LOTS ONLY—25-4" plants in a carton; 50-3" plants in a carton; 16-5" plants in a carton.

GRADE	VARIETIES	EACH
3 inch—1 cane	Rose Supreme Only	$ .35
4 inch—1 cane	Rose Supreme, Strofford & White	.45
4 inch—2 cane	Rose Supreme, Strofford & White	.65
4 inch—3-4 cane	Rose Supreme, Strofford & White	.75
5 inch—3-4 cane	Rose Supreme, White	.90

VAUGHAN'S GERANIUMS

GERANIUMS—2¼ INCH
F.O.B. LOCAL SOURCES

RED

CHARLOTTE. Olympic sport, vivid scarlet, does not crookneck.
DARK RED IRENE. Radio red color.
BETTER TIMES. Rose Red.
IMP. RICARD. Brick red color.
IRENE. Brick red color.
OLYMPIC RED. Brick red color.
RADIO RED. Brilliant red.

PRICES ON ABOVE: Per 100, **$16.00;** 1000, **$150.00.**

WHITE

SNOWBALL
MME. BUCHNER

PRICES ON ABOVE: Per 100, **$16.00;** 1000, **$150.00.**

PINK-SALMON-ROSE

ENCHANTRESS FIAT. Soft salmon pink.
PRICE ON ABOVE: Per 100, **$17.00;** 1000, **$160.00.**
APPLE BLOSSOM. Light pink.
PINK CLOUD. Clear pink.
GENIE. Celestial rose color.
SALMON IRENE. Rich salmon.
PK BOUQUET. Pink
SPRINGTIME. Salmon pink.
PENNY. Salmon rose.
SALMON SUPREME. Dark salmon.

PRICES ON ABOVE: Per 100, **$16.00;** 1000, **$150.00.**

Minimum order 100 plants. Not less than 50 of a variety 50 at the 100 rate—250 of a single variety at the 1000 rate

MIKKELSEN'S "FIRST LADY" SERIES

New shades—Magnificent Bloom—Free of Virus and Bacteria.

BESS. A salmon pink hybrid with a little deeper orange shade than Salmon Supreme but lighter than Salmon Irene.

CAROUSEL. Outstanding pleasing pink, small foliage, self branching and profuse bloomer. Delicate shade of "charm" pink.

ELEANOR. A lighter shade of orchid pink than Genie and somewhat smaller flower but more flower heads in bloom at one time.

JACQUELINE. Bright luminescent red with exceptionally large flower heads. Truly hybrid vigor.

MAMIE. Fiery "bright" red.

Prices of "FIRST LADY" Series	PER 100 R.C.	2¼" Peat Pots
50—200	$20.00	$25.00
250—450	19.75	24.75
500—700	19.50	24.50
750—950	19.25	24.25
1000—Up	19.00	24.00

F.O.B. ASHTABULA, OHIO

DWARF TYPES

VARIETY	R.C.	2¼" Peat Pots
BROOKS BARNES RED	$17.50	$23.00
METEORE. PINK	17.50	23.00
NEW DAWN. RED	17.50	23.00

F.O.B. ASHTABULA, OHIO

IVY GERANIUMS

VARIETY	R.C.	2¼" Peat Pots
LAVENDER IVY	$17.50	$23.00
ORCHID PINK IVY	17.50	23.00
ROSE PINK IVY	17.50	23.00
RED IVY	17.50	23.00

F.O.B. ASHTABULA, OHIO

GERANIUM CUTTINGS—CALIFORNIA GROWN

PINK

APPLE BLOSSOM. Salmon pink.
ENCHANTRESS FIAT. Soft salmon-pink.
MAGNIFICENT. Soft salmon pink.
PINK CLOUD. Clear pink.
SPRINGTIME IRENE. Salmon pink.

DEEP PINK

AVALON BEAUTY. Sport of Pink Fiat.
FIAT SUPREME. Salmon pink.
GENIE IRENE. Celestial rose color.
IRVINGTON BEAUTY. Soft rose.
PENNY IRENE. Salmon-rose.
PINK FIAT. Salmon-pink.

SALMON PINK

IMP. POITEVINE. Soft pinkish salmon.
MADAM LANDRY. Clear salmon.
SALMON IDEAL. Clear salmon.
SALMON IRENE. Rich salmon.
SALMON SUPREME. Dark salmon.

WHITE

MADAM BUCHER. Pure white.
GREGERSEN'S WHITE.
MADONNA.
SNOWBALL. Pure white.
SUMMERBALL.

ORANGE

ORANGE RICARD. Scarlet orange.

RED

AVALON RED. Sport of radio red.
BETTER TIMES. Rose red.
BLAZE. Brilliant red.
DARK RED IRENE. Radio red color.
IMP. RED FIAT. Orange-scarlet.
IMP. RICARD. Brick red.
IRENE. Brick red.
MURWOOD RED. Bright red.
OLYMPIC RED. Brick red.
PRIDE OF CAMDEN. Dk. crimson-red.
RADIO RED. Brilliant red.
RED BARNEY. Bright dark-red.
RED FIAT. Orange-scarlet.
RED LANDRY. Brick red.
RED SPARKLE. Dark red.

PURPLE

SPRINGFIELD VIOLET. Purple-crimson.

FANCY-LEAVED

HAPPY THOUGHTS. Green leaf, bright yellow center.
MADAM LANGUTH. Leaf edged creamy white flowers crimson-red.
SKIES OF ITALY. Leaf bright yellow, chocolate zone.

IVY
rooted cuttings only

CAESAR FRANK. Deep pink.
CHARLES TURNER. Rose pink.
INTENSITY. Bright red.
MRS. BANKS. White with bluish center.
LUCKY STRIKE. Lge. rose pink. Free bloomer.

PRICES ON ABOVE CALIFORNIA CUTTINGS	100	1000
Unrooted cuttings	$5.50	$42.50
Calloused cuttings	8.50	75.00
Rooted cuttings	9.50	85.00

Minimum order 1000. All above prices ore F.O.B. California

We recommend that all geranium cuttings from the West Coast be shipped via air transportation to nearest airport in your vicinity. Airport to phone buyer on arrival. Your telephone number must be supplied, also name of Airport and town.

GERANIUMS—CULTURED—INDEXED
F.O.B. PENNSYLVANIA

The term **Cultured-Indexed** means the geraniums have gone through a laboratory process to prove they are disease free. They are labeled and recorded under an indexing system to keep them disease free. And are grown, and propagated in locked isolated houses, under an ultra-sanitary system that we alone use. Packed on sterilized tables, and shipped in clean new packing material. A record is kept of all bloom and cuttings taken from each plant and only the best producers are recultured for the best geraniums possible.

RED

B—CHARLOTTE. Vivid Scarlet
B—DARK RED IRENE. Dark Red.
A—IMPROVED RICARD. Orange Red.
A—IRENE. Red.
A—OLYMPIC RED. Brick Red.

PINK

B—DAWN. Soft clear Pink.
A—GENIE. Celestrial Rose.
A—PENNY. Neon Pink
B—PINK CLOUD. Pink.
C—DIOR. Rich Brilliant Pink.
(Growers Agreement Available June 1st

SALMON

B—DIDDEN'S IMP. PICARDY. Salmon.
A—SALMON IRENE.
B—WENDY ANN—Light Salmon (Imp. Poitevine)

WHITE

B—LAYTON'S WHITE.
A—MADAME BUCHNER.
A—SPRINGFIELD WHITE.

SCHEDULE OF PRICES PER 100

	100 to 450	500 Up
A—R. C.	$16.50	$15.50
2¼" Peat Pots	22.50	21.50
B—R. C.	17.50	16.50
2¼" Peat Pots	23.50	22.50
C—R. C.	23.50	22.00
2¼" Peat Pots	29.50	28.00

MINIMUM 100 Plants per order—25 of a variety

Shipped via: Air Freight—Air Express—R. E. A. Express—United Parcel Service—Greyhound—Air Parcel Post—Parcel Post Special Handling. If Air Freight please list Airport and Phone Number.

POINSETTIA STOCK PLANTS

BARBARA ECKE SUPREME. Pat. No. 1055. Patented variety sold only under patent restrictions. The finest of all pot-plant varieties for the central and northern part of the United States and still the leader.

ECKE PINK. Blooming and growth habits same as regular Pink but having long bracts similar to the Oak Leaf type, which makes it very desirable.

INDIANAPOLIS RED. Exceptionally fine variety for the southern states Grows short and stocky.

NEW ECKE WHITE (Pat. No. 1802) Very wide bracts; other features same as Ecke White.

ELISABETH ECKE (Pat.)—known as #3—this new introduction is a naturally low grower, has wide leaves and bracts, good red color, a small tight center; it is naturally later blooming then Barbara Ecke Supreme, makes perfect bracts on late cuttings, pinches very well; bracts do not droop or curl when mature; it is not a fast rooter. Field-grown plants will be available for 1964 at $200.00 per 100 "field-run".

BARBARA ECKE SUPREME — INDIANAPOLIS RED — ECKE WHITE —ECKE PINK—IMPROVED ALBERT ECKE

Per 100: Super Jumbo—$180.00 #1—$120.00 #3—$60.00
Jumbo— 150.00 #2— 90.00 *#4— 40.00

NEW IMP. ECKE WHITE

Per 100: Super Jumbo—$200.00 #1—$150.00 #2—$125.00
Jumbo— 175.00

PAUL MIKKELSEN

Per 100: Super Jumbo—$250.00 #1—$150.00 #2—$100.00
Jumbo— 200.00

DOUBLE HENRIETTE ECKE (satisfactory in tropical areas only)

Per 100: #1—$120.00 #3—$60.00
#2— 90.00 *#4— 40.00

***All #4 plants should be shipped by Railway Express direct from Encinitas to carry through successfully.**

Above prices f.o.b. eastern points of distribution. Plus 4c per pound Transportation Charge for cross-country bulk freight to eastern point of distribution. ON ALL ORDERS MAILED AFTER JANUARY 1 1965, A 10% PACKING CHARGE WILL BE MADE. CHANGES IN ORDERS WILL BE ACCEPTED UNTIL FEBRUARY 1, 1965.

POINSETTIA 2¼ inch Plants

Vaughan's Foliage Plants

DRIFTWOOD PLANTING—B
HOYA—RHIPSALIS—BROMELAIDS

POTHOS TOTEM POLE (-N)

These listings of foliage plant sources are made for your convenience to eliminate several shipments of one order, as no one source grows a complete listing. Please incidate source when ordering. Our representatives have listings from many more sources, but due to space we cannot publish them all. Check with them for plants and sizes not listed.

Most growers will charge 50c per carton for packing. 25 at 100 rate. 250 at 1000 rate. On all orders for less than $10.00 from one source there will be a service charge of $1.00 except where noted otherwise.

SOURCE A—FOB CALIFORNIA

ROOTED CUTTINGS	100	1000
ACORUS VARIEGATED	$9.00	$80.00
ACUBA JAPONICA. Transplants	17.00	150.00
ARALIA SIEBOLDI	7.00	60.00
BUXUS Japanica (Boxwood)	7.00	60.00
EUONYMOUS. Media Picta Transplants. (Gold Spot) small leaves bright yellow with green border	7.50	65.00
Alba Marginata—grayish green leaves, white edge	7.00	60.00
Silver Queen—green leaves, white variegation	7.50	65.00
FATSHEDERA Lizei. R.C., 3-5" 3 lvs.	7.50	65.00
R.C., 5-8", 4-6 lvs.	8.50	75.00
IVY		
English. 4-6 lvs. Transplants	4.50	35.00
2-3 lvs. R.C.	3.50	25.00
Glacier, Small ivory and green variegated (3M or more 10% quantity discount)	6.50	55.00
Gold Dust. Small golden yellow and green leaves	7.00	60.00
Grape Ivy. Transplants. Glossy green lvs.	7.50	65.00
Heart Ivy. R.C. Transplants	7.50	65.00
Hahn's Branching. Small green leaves (3M o. more 5% quantity discount)	4.50	35.00
Variegated. Medium sized leaves ivory and green (3M or more 10% quantity discount)	6.00	50.00
PITTOSPORUM TOBIRA—Small evergreen shrub 3-6".	6.50	55.00
Variegated. Transplants	8.50	75.00
PODOCARPUS Macrophylla. Transplants	6.00	50.00
SARCOCOCA RUSCIFOLIA. Very dark green, glossy leaves. Stands up very well inside—good for pots or planters	7.50	65.00

SOURCE B—($1.00 min. charge on all orders less than $20.00) FOB FLORIDA

PHILODENDRONS

Burgundy—New hybrid highly resistant to cold, "shot-gun fungus," and bacterial soft rot. Bronze red petioles, stems and new leaves. Excellent for totems or pots, URT, **40c;** RT, **50c;** 3", **60c;** 4", **$1.00;** 6", **$1.75; MRL** in foil, **75c.**

Emerald Queen—New hybrid Medium-sized hastatum-shaped leaves, very dark green, resistant to "shot-gun" spotting and bacteria. Excellent totem-pole item. URT, **25c;** RT, **35c;** RC, 2-4 lvs. (from single eye cane) **20c;** 3", 2pp **50c;** 4", 2pp, **75c.**

Florida—R.C., 2-4 lvs. BR for 2½", **25c;** 3" 2pp, **50c;** 4" 2 pp, **75c.**

Lacineatum—R.C., 2-4 lvs. BR for 2½", **25c;** 3" 2pp, **50c.**

Langistillum—3", **75c.**

Panduraefarme—R.C., 2-4 lvs. **20c.**

Red Emerald—4", **$1.00;** 6", 30" slab, **$3.50;** 8", 36" slab, **$6.00.**

Selloum Type—2", **15c;** 3", **35c;** 4", 2pp, **60c.**

Sellaum Type—Gal. Tin, 2pp, **80c.**

SOURCE B—Continued

PHILODENDRONS—B.R. Seedlings: Large leaf varieties for dish gardens, two or more varieties, our choice, **$15.00** per 100. For 3" and 4", **$25.00** per 100.

PHILODENDRONS—Totem Pales: Includes Florida, Lacineatum, Emerald Queen and a few misc. varieties. Small plants around base. 5" plastic, 15" slab—**$1.00;** 6", 30" slab—**$2.00;** 8", 36" slab—**$4.50.**

Burgundy—6", 30" slab—**$2.50;** 8", 36" slab—**$5.00.**

HOYA—Tatem Pales

Silver Pink—6", 30" slab, **$2.50;** 8", 36" slab, **$4.50.**

POTHOS WILCOXII—Selected highly, colored, R.C. 3-5 lvs., **$6.00** per 100; **$53.00** per 1,000; 2¼", **10c;** 3", 3 pp, **18c.** Specify if desired in plastic or paper pots.

MISCELLANEOUS:

AGLAONEMA

Pewter—3", **50c;** 4", **75c;** 6", **$1.50.**

Pseudo-Braceteatum—Outstanding new introduction. Beautiful variegation on light green foliage. This is the true Pseudo-Bracteatum with white stems and petioles. R.C., 6-8", **25c;** 8-12", **40c;** 3", **60c;** 4 in., **$1.00;** 6 in. 3 pp, **$2.00;** 8", **$4.00.**

Treubil—One of the best keepers under dark, adverse conditions. RCA, 4-6", **30c;** 6-10", **40c;** 3 in., **60c.**

CACTI, Thanksgiving—Blooms November through March. R.C., **7½c;** 2½ inch, **25c;** 3 inch plastic, **35c;** 5" full **$1.25.**

FERNS: Tree Fern (Alsophila Australis)—4" **$1.00;** 6" **$1.50;** egg can **$3.50.**

Bird Nest Fern—2½", **35c;** 3", **60c.**

Platycerium (Staghorn Fern)—3", **$1.50** (50 or more **$1.25**); 6", **$3.25;** 6" x 6" Plaque, **$1.75** (50 or more **$1.50**); 12" x 12" Plaque, **$4.00.**

Redwood Basket—$5.00.

Bifurcatum—3", **$1.50.**

Sumbawense—3", **$1.50.**

Stemmaria—3", **$3.00.**

Pteris Cretica Rivertaniana—2½", **25c.**

Pteris Cretica Wilsonii—2¼", **25c.**

Fluffy Ruffles—3", **50c.**

DRIFTWOOD PLANTERS. (Bromeliads, Rhipsalis & Hoya). Small—**$5.00;** Medium—**$7.50;** Large—**$10.00.**

EUPHORBIA "Crawn of Tharns," 3", 3 pp, **35c,** gal. **$1.25.**

HOYA CARNOSA Variegata—R.C., **10c;** 2¼" plastic, **18c;** 3", **30c.**

Silver Pink—new, dark green foliage, silver markings. R.C., **10c;** 2½", **25c;** 6", **$2.50.**

RHIPSALIS—2¼", **35c;** 6" plaque, **$1.25;** Collection of 5 varieties, 72—2¼" for **$22.50.**

TRADESCANTIA FUSCATA—Recent commercial introduction. Non-vining, rosette shaped, velvety textured, highly colored. Grows under very dark conditions without pulling to light or losing color. R.C., **20c;** 3 inch, **50c.**

TRICHOSPORUM Pulchrum—R.C., 7½**c;** 5", **$1.25.**

Splendens—Medium sized waxy leaves, free flowering; bears a pendant head of tubular orange flowers. R.C., **15c;** 2½ inch, **25c.**

HANGING BASKET COMBINATION. 12" wire basket, **$3.00;** 12" Redwood basket, **$4.50.**

SOURCE B—Continued

FOR GREEN THUMBS, COLLECTORS, AND CARRIAGE TRADE:

Alacasias—excellent selection of varieties—3" & 4", **$2.00;** 6", **$5.00.**

Anthurium Andreanum—3", **75c;** 4", **$1.25.**

Anthurium Scherzerianum—2¼", **$1.00;** 3", **$2.00.**

Dracaena Goldiana—R.C., 4-6 lvs., **$3.00;** 4", **$5.00;** 6", **$7.50.**

VARIEGATED PHILODENDRON HASTATUM, Pertussum and Florida—3", **$2.50.**

Packing Information: Usually, the following are packed per carton:

2 inch—100	5 inch totems—9	Egg can—2
2¼ inch—72	6 inch—6	R.C. 2 to 4 leaves—100 to 150
3 inch—35 and 50	6 inch totems—6	B.R. for 2½ inch—150 to 250
4 inch—17	8 inch totems—3	
5 inch—10	Gallon can—6	
B.R. Bromeliads—50		

BROMELIADS

These extremely versatile, hardy plants are now available in a wide range of verieties and at unbelievably low prices. Plants shipped may not be heavily rooted but will establish rapidly. Root areas may be wrapped with Spagnum or Osmunda and used immediately in pots or on driftwood. Always keep root area moist and center of plant filled with water.

Collectian af 20 Bromeliads bare-raat—10 or more proven species and hybrids—**$25.00.**

SOURCE D—F.O.B. FLORIDA
PHILODENDRON TOTEM POLES (case lots only)

		Pot	Per Case	Each
Cordatum	30" round on bark-8pp	6"	6	**$2.00**
	40" round on bark-10pp	7"	8	**3.00**
	60" on bark-12pp	10"	2	**7.50**
Emerald Queen	30" one side on bark-3pp	6"		
Florida	30" one side on bark-3pp	6"		
Hastatum	30" one side on bark-3pp	6"		
Lacineatum	30" one side on bark-3pp	6"	6	**2.00**
Panduraforme	30" one side on bark-3pp	6"		
Pertussum	30" one side on bark-3pp	6"		
Pertussum	30" one side on bark-3pp	7"	8	**3.50**
Emerald Queen	36" one side on bark-4pp	8"		
Florida	36" one side on bark-4pp	8"		
Lacineatum	36" one side on bark-4pp	8"		
Panduraforme	36" one side on bark-4pp	8"	4	**5.00**
Pertussum	36" one side on bark-3pp	8"		
Emerald Queen	40" both sides on bark-6pp	9"		
Florida	40" both sides on bark-6pp	9"		
Hastatum	40" both sides on bark-4pp	9"		
Lacineatum	40" both sides on bark-6pp	9"	3	**7.50**
Pertussum	40" both sides on bark-4pp	9"		
Emerald Queen	60" both sides	12"	2	
Panduraforme	60" both sides	12"	2	**20.00**
Pertussum	60" both sides, 6pp	12"	2	
AGLAOENEMA Schismatoglossis		3"	50	**.50**
		6"-3pp	6	**2.00**
		8"-3pp	4	**5.00**

PINEAPPLE (V)

SOURCE E—F.O.B. FLORIDA

Packing Charge 50c Per Carton On All Orders Under $62.50

	Per Ctn	100
AGLAOENEMA Commutatum, 2¼", 4-8 lvs.		$25.00
Simplex (Chinese Evergreen), 3-5", 3-5 lvs., R.C.	500	8.75
4-6", 4-6 lvs., R.C.	500	11.20
5-7", 4-7 lvs., R.C.	200	15.00
6-8", 5-7 lvs., R.C.	200	18.75
8-10", 6-8 lvs., R.C.	200	25.00
12-15", 6-9 lvs., R.C.	200	35.00
2¼", 3-6 lvs.		15.00
Pseudo Bracteatum 4"		50.00
ARALIA Balfouriana, R.C., 4-8"	200	15.00
3" pot	50	25.00
Pennockil, 4"	25	50.00
CALATHEA Mokoyana, 4" pot		100.00
Louisae, 4" pot		100.00
CROTON GOLD DUST (May-Sept.) RC, 6-8"	200	12.50
3"	50	20.00
DIFFENBACHIA Amoena 4", 3-5 lvs.		90.00
R.C., 12-15"	100	70.00
Exotica, R.C., 4-8"	250	15.00
3", 4-6 lvs.		50.00
4", 5-7 lvs.		75.00
Picta, R.C., 3" size 6-8"	200	20.00
3", 4-8 lvs.		35.00
4", 5-7 lvs.		75.00
Raehrsil, 3", 4-8 lvs.		40.00
4"	25	75.00
R.C., 8-10"	200	30.00

PALM PHOENIX ROEBELENI (L)

SOURCE E—Continued

	Per Ctn	100
DRACAENA Barinquensis, R.C., 4-8"	250	15.00
Florida Beauty, R.C., 2-3 tiers	1000	13.00
Single 2¼", 2 tiers		20.00
3", 3 pp.		40.00
4", 3pp.		75.00
Godseffiana, R.C., 2-3 tiers	1000	10.00
2¼", 4-6 lvs.		15.00
Sanderiana, R.C., 4-8"	250	15.00
2¼", 5-8 lvs.		20.00
MARANTA Kerchoveana, R.C., 3-5 lvs.	1000	7.50
2¼", 4-8 lvs.		15.00
3", 2pp.		20.00
4", 3pp.		35.00
NEPHTHYTIS Emerald Gem, R.C., 3-5 lvs.	500	6.00
R.C., 2-3 lvs.	1000	4.50
2¼", 4-7 lvs.		10.00
3", 3pp.		20.00
Green Gald, R.C., 3-5 lvs.	1000	6.00
R.C., 2-3 lvs.	1000	4.50
2¼", 4-7 lvs.		15.00
3", 3pp		20.00
imperial White, R.C., 3-5 lvs.	1000	6.00
2-3 lvs.	1000	4.50
2¼", 4-6 lvs.		15.00
3", 3pp.		20.00
PALM Neanthe Bella, 2¼", 2pp.		15.00
Seedling, 3 lvs. (avail. Dec. 1964)	1000	5.00
2 lvs.	2500	3.50
4", 8-12", 4pp.		50.00
PEPEROMIA Marble, R.C., 3-4 lvs.	250	6.00
2¼".		10.00
Variegata, R.C., 3-5 lvs.	250	10.00
2¼", 5-8 lvs.		15.00
3", 1pp.		20.00
Obtusifalia, R.C., 3-5 lvs.	250	6.00
2¼", 5-8 lvs.		10.00
PHILODENDRON Cordatum, R.C., 3-5 lvs.	500	6.00
R.C., 2-3 lvs.	500	4.50
2¼", 3pp.		16.00
3", 3pp.		20.00
4", 4pp.		30.00
Burgundy, 4", 1pp.		100.00
Emerald Queen, R.C., 3-5 lvs.		15.00
4", 2pp.		50.00
Florida, 3", 2pp.		50.00
4", 2pp.		75.00
R.C., 3-5 lvs.	150	25.00
Hastatum, 3", 3-5 lvs., 1pp.		50.00
4", 2pp.		75.00
R.C., 3-5 lvs.	150	20.00
Micans, R.C., 3-5 lvs.		6.50
2¼", 4pp.		18.00
3", 3-4pp.		25.00
Pandurifarme, 3", 6-8 lvs., 2pp.		50.00
4", 8-12 lvs., 3pp.		75.00
Baby, R.C., 3-5 lvs.	500	10.00
Med. R.C., 3-5 lvs.	250	15.00
PHILO. Pertussum, 3", 4-5 lvs., 2pp.		50.00
4", 4-6 lvs. 1pp.		60.00
4" doubles, 6-8 lvs.		75.00
8", 4pp.		250.00
R.C., 3-5 lvs. med. large	25	40.00
R.C., 3-5 lvs. small med.		30.00
R.C., 3-4 lvs. miniature		10.00
PILEA Cadierei, (Reg. or Dwarf), R.C., 4-6 lvs.	500	5.00
2¼", 2pp.		15.00
3", 3pp.		20.00
PLANT COMBINATIONS, 3", 3pp.		20.00
PODOCARPUS MAKI, 2¼"		10.00
R.C., 4-6" or 6-8"	1000	5.00
POTHOS Wilcoxii, R.C., 3-5 lvs.	500	6.00
2¼", 4-6 lvs.		10.00
3", 3pp.		25.00
Silver Marble, R.C., 3-5 lvs.	500	10.00
2¼"		15.00

HASTATUM ON BARK (D-F-H-MA-S)

SOURCE E—Continued

	Per Ctn	100		Per Ctn	100
SANSEVIERIA Laurentii,					
4-6", 2 lvs.	500	$7.00	3-5 lvs.	500	$12.50
6-8", 2 lvs.	500	7.00	3-5 lvs.	500	12.50
8-12", 2 lvs.	500	7.00	3-5 lvs.	500	12.50
12-15", 2 lvs.	250	7.00	3-5 lvs.	250	12.50
15-18", 2lvs.	250	7.00	3-5 lvs.	250	12.50
2¼", 1pp.	100	15.00			
Zeylanica, 4-6", 2 lvs.	500	4.50	3-5 lvs.	500	7.00
6-8", 2 lvs.	500	4.50	3-5 lvs.	500	7.00
8-12", 2 lvs.	500	4.50	3-5 lvs.	500	7.00
12-15", 2 lvs.	250	4.50	3-5 lvs.	250	7.00
15-18", 2 lvs.	250	4.50	3-5 lvs.	250	7.00
2¼", 1pp.	100	10.00			
Hahni, 2¼-2½" pot size					8.00
3" pot size					10.00
SCHEFFLERA, Seedlings, 4-6 lvs.				500	5.00
SCINDAPSUS PICTUS, R.C., 2-5 lvs.				500	7.50
2¼", 2pp.					20.00
3", 4pp.					35.00
4", 4-5pp.					50.00

Packing 2¼"—100 per carton 4"—20 per carton 3"—50 per carton
6"— 9 per carton 8"— 4 per carton

PHILODENDRON—TOTEMS

	Item	Size	Per Case	Price Each
Pertussum	24" 3 plts.—One side of bark	6"	9	$1.75
	36" 6 plts.—Two sides of bark	8"	4	7.50
	36" 3 plts.—One side of bark	8"	4	4.50

SOURCE G—F.O.B. FLORIDA (carton lots only)

	Per Carton	Per 100	Per 1000
ALOE VERA (Medicine Plant)		$10.00	
DRACAENA FLORIDA BEAUTY			
UNROOTED CUTTINGS, 2-3 tiers	250 to 600		$ 50.00
ROOTED CUTTINGS, 2-3 tiers	100 to 500		85.00
2¼" pot, 2pp.	100	15.00	
CRYPTHANTHUS Rosea Picta, bare root		8.50	75.00
Zebrina, bare root		13.50	125.00
			100
CRYPTOBERGIA Rubra, 8-12", bare root			$20.00
NEPHTHYTIS Frost Queen, 2¼"			
White top, green underneath, short and compact (**Early summer delivery**)			15.00
SANSEVEIRIA Hahnii, 2¼-2½" pots, B.R.			5.00
Libirica Miniki, 15-18", B.R. for 3"—50 to 80%			
White striped—(**Limit per order 50**)			25.00

SOURCE F—F.O.B. FLORIDA

	Pack Per Ctn.	Price Per C	Price Per M
AGLAONEMA (CHINESE EVERGREEN)			
3 to 5″ 3/5 lvs. bareroot	250	$10.00	$100.00
4 to 6″ 3/5 lvs. bareroot	250	15.00	145.00
6 to 8″ 3/5 lvs. bareroot	200	20.00	190.00
2¼″ Rd. pot 1 PPP 3/5 lvs.	72	16.00	150.00
DIEFFENBACHIAS Amaena 4″ Rd. Pot 1 PPP	20	75.00	
Exatica Rooted cuttings 3/5 lvs.	250	17.50	
2¼″ Rd. Pot 1 PPP	72	20.00	
4″ Rd. Pot 2-3 pp	20	75.00	
6″ Rd. Pot 3PPP	9	100.00	
Picta Rooted cuttings 3/5 lvs.	250	17.50	
2¼″ Rd. Pot 1 PPP	72	20.00	
6″ Rd. Pot 3 PPP	9	100.00	
Raehrsi Rooted cuttings 3/5 lvs.	250	22.50	
2¼″ Rd. Pot 1 PPP	72	22.50	
6″ Rd. Pot 3 PPP	9	100.00	
DRACAENAS Gadseffiana 2¼″ Rd. Pot 2 PPP 5/7 bracts per pot	72	18.00	175.00
3″ Sq. Pot, 2 PP		22.50	200.00
Sanderiana Rooted tips 4-6″ or 6-8″ (Specify)	500	15.00	145.00
2¼″ Rd. Pot 1 PPP 3/5″	72	18.00	175.00
3″ Sq. Pot 1 PPP 6-8″	50	22.50	200.00
FERNS Bastan Compacta 2¼″ Pot size	200	16.00	
Leatherleaf 3″ Sq. Pot	50	30.00	
FISCUS Decara Rooted layers 6/8 lvs.	35	50.00	
Rooted layers 10/14 lvs.	35	60.00	
6″ Rd. Pot 1 PPP	9	100.00	
Elastica Rooted Layers 5 lvs. and up	35	35.00	
4″ Rd. Pot 1 PPP	20	45.00	
6″ Rd. Pot 1 PPP	9	50.00	
HOYA CARNOSA VARIEGATA Rooted cuttings	500	9.00	85.00
2¼″ Rd. Pot 1 PPP	72	16.00	150.00
3″ Sq. Pot 2 PPP	50	22.50	200.00
MARANTA KERCHOVEANA Unrooted tips 3/5 lvs. (Compact)	500	5.00	45.00
Rooted tips 3/5 lvs. (Nice Compact plants)	500	7.50	65.00
2¼″ Rd. Pot 1 PPP	72	11.00	100.00
2¼″ Rd. Pot 2 PPP	72	17.50	150.00
3″ Sq. Pot 2/3 PPP	50	22.50	200.00
NEPHTHYTIS Emerald Gem Propagating eyes	2,500		10.00
Rooted cuttings 2/3 lvs.	1,000	5.00	40.00
Rooted cuttings 3/5 lvs.	1,000	5.50	50.00
2¼″ Rd. Pot 1 PPP	72	11.00	100.00
2¼″ Rd. Pot 3 PPP	72	17.50	150.00
3″ Sq. Pot 3/4 PPP	50	22.50	200.00
Green Gold Propagating eyes	2,500		10.00
Rooted cuttings 2/3 lvs.	1,000	5.00	45.00
Rooted cuttings 3/5 lvs.	1,000	6.00	55.00
2¼″ Rd. Pot 1 PPP	72	11.00	100.00
2¼″ Rd. Pot 3/4 PPP	72	17.50	150.00
3″ Sq. Pot 3/4 PPP	50	22.50	200.00
PALMS Neanthe Bella Seedlings 1/2 lvs.	2,000	2.00	17.50
Seedlings 2/3 lvs.	1,000	3.50	30.00
PEPEROMIA Green Unrooted tips 3/5 lvs.	1,000	3.50	30.00
Rooted tips 3/5 lvs. (medium size leaves)	250	6.00	55.00
2¼″ Rd. Pot 1 PPP	72	11.00	100.00
3″ Sq. Pot 2/3 PPP	50	22.50	200.00
Semi-Variegated (Webers) Unrooted tips 3/5 lvs.	1,000	4.50	40.00
Rooted tips 3/5 lvs.	250	6.00	55.00
2¼″ Rd. Pot 1 PPP	72	11.00	100.00
3″ Sq. Pot 3 PPP	50	22.50	200.00
Variegated Rooted tips 3/5 lvs. (med. size lvs.)	250	12.00	100.00
2¼″ Rd. Pot 1 PPP	72	16.00	150.00
3″ Sq. Pot 1 PPP	50	22.50	200.00

SOURCE F—Continued

	Pack Per Ctn.	Price Per C	Price Per M
PHILODENDRONS Cordatum Rooted cuttings #1 Choice 3/5 lvs.	400	6.50	60.00
Rooted cuttings #1 Regular 3/5 lvs.	400	5.50	50.00
Rooted cuttings #1 Medium 3/5 lvs.	400	5.00	45.00
Rooted cuttings #2 Medium 3/5 lvs.	500	4.00	37.50
R.C. Bed run (Graded) 2/5 lvs. (#2 and better)	500		35.00
R.C. Bed run Leaf and eye and up (approx. 11 M per bed)	S00		32.50
2¼″ Rd. Pot 3/4 PPP #1	72	17.50	160.00
2¼″ Rd. Pot 4/5 PPP #2	72	14.00	130.00
3″ Sq. Pot 4/5 PPP	50	22.50	200.00
4″ Rd. Tub 5/7 PPP	24	40.00	375.00
4″ Rd. Tub with 13″ Fernwood Pole	24	50.00	450.00
5″ Rd. Tub with 18″ Bark	12	100.00	900.00
6″ Rd. Pot with 24″ Bark	6 or 9	150.00	
8″ Rd. Pot with 36″ Bark	4	400.00	
Propagating eyes	2,S00		12.50

CACTUS (FC)

FICUS DECORA (MA-H-S-V-F)

PHIL EMERALD QUEEN (B-E-F-N-S)

SOURCE F—Continued

	Pack Per Ctn.	Price Per C	Price Per M
PHILODENDRONS Dubia Rooted cuttings 3/5 lvs. (from cane-small)	200	17.50	150.00
3″ Rd. Pot 1/2 PPP	45	50.00	450.00
4″ Rd. Tub 1/2 PPP	24	65.00	600.00
5″ Rd. Tub with 18″ Bark 3/4 PPP	12	100.00	
6″ Rd. Pot with 24″ Bark 3/4 PPP	6/9	150.00	
Fiaridii Rooted cuttings 3/5 lvs. (tips)	200	25.00	225.00
3″ Rd. Pot 2/3 PPP	45	55.00	500.00
4″ Rd. Pot 3/4 PPP	20/24	70.00	650.00
5″ Rd. Tub with 18″ Bark 3/4 PPP	12	100.00	
6″ Rd. Pot with 24″ Bark 3/5 PPP	6/9	150.00	
8″ Rd. Pot with 36″ Bark 5/7 PPP	4	400.00	
Hastatum Rooted cuttings 3/S lvs. 6/8″ tall	200	17.50	150.00
Rooted cuttings 4/5 lvs. medium	150	22.00	200.00
Rooted cuttings 4″ pot size	150	30.00	275.00
3″ Rd. Pot 1 PPP	45	50.00	450.00
4″ Rd. Pot 1/2 PPP	24	70.00	650.00
5″ Rd. Tub with 18″ Bark 3/4 PPP	12	100.00	
6″ Rd. Pot with 24″ Bark 3/5 PPP	6/9	150.00	
8″ Rd. Pot with 36″ Bark 5/7 PPP	4	400.00	
Panduriforme Propagating eyes	1,000	3.00	25.00
Rooted cuttings from eyes 3/4 lvs. small	500	8.50	75.00
Rooted tips 3/5 lvs. small	400	12.50	100.00
Rooted tips 3/5 lvs. medium	400	15.00	125.00
Rooted tips 4/6 lvs. large	250	20.00	175.00
2¼″ Rd. Pot 2 PPP	72	17.50	150.00
3″ Sq. Pot 2/3 PPP (for dish gardens) 6/10″ tall	50	22.50	200.00
3″ Rd. Pot 3/4 PPP (Florist grade) 10/12″ tall	45	42.50	400.00
4″ Rd. Tub 3/4 PPP 10/14″ tall	24	45.00	425.00
5″ Rd. Tub with 18″ Bark 3/5 PPP	12	100.00	
6″ Rd. Pot with 24″ Bark 4/6 PPP	6/9	150.00	
8″ Rd. Pot with 36″ Bark 5/7 PPP	4	400.00	
Pertusum Propagating eyes	500	5.00	45.00
Rooted cuttings small 3/4 lvs. from eyes	200	12.00	100.00
Rooted tips in burlap, 2 plants, small	50	42.50	375.00
Rooted tips in burlap, 2 plts, 4″ pot size	35	70.00	650.00
Rooted tips in burlap, 2 plts, 6″ pot size	25	95.00	
3″ Sq. Pot 1/2 PPP (for dish gardens)	50	20.00	
3″ Rd. Pot 1 PPP (some character)	45	50.00	450.00
4″ Rd. Pot 1 PPP (4 lvs. with character)	20	75.00	700.00
4″ Rd. Pot 2 PPP (7-9 lvs. per pot w/″).	20	100.00	950.00
5″ Rd. Tub with 18″ Bark 3 PPP	12	100.00	
6″ Rd. Pot with 24″ Bark 3/4 PPP	6/9	150.00	
6″ Rd. Pot 2 PPP (ready for 30-36″ Bark)	6/9	150.00	
8″ Rd. Pot with 36″ Bark 3/4 PPP	4	400.00	
8″ Rd. Pot with 48″ Bark 4/5 PPP	4	500.00	
Monstera Rooted cuttings from eyes (8-12″ tall)	200	17.50	150.00
Rooted tip in burlap, Small 4″ pot size	50	50.00	450.00
Rooted tip in burlap, medium 6″ size—lvs. 10″	25	100.00	
4″ Rd. Pot 1/2 Pot 4/6 lvs.	20	90.00	850.00
6″ Rd. Pot 2 PPP, 5/7 lvs. 10-14″ wide	6/9	150.00	
8″ Rd. Pot 2/3 PPP, 6/9 lvs. 12-14″ wide	4	300.00	
PILEA Dwarf or Regular (Specify) unrooted tips 3/5 lvs.	1,000	3.00	25.00
Rooted tips 3/5 lvs.	1,000	5.00	45.00
2¼″ Rd. Pot 3 PPP	72	17.50	150.00
3″ Sq. Pot 3/4 PPP	50	22.50	200.00
Branze Unrooted tips 3/S lvs.	1,000	3.50	30.00
Rooted tips 3/5 lvs.	1,000	5.50	50.00
2¼″ Rd. Pot 2/3 PPP	72	17.50	150.00
3″ Sq. Pot 3/4 PPP	50	22.50	200.00
Plant Combinations 3″ Sq. Pot		22.50	200.00
4″ Rd. Tub		40.00	
PODOCARPUS Maki Seedlings 4-6″	1,000	3.75	35.00
Seedlings 6-8″	500	4.25	40.00
2¼″ Rd. Pot 1 PPP	72	11.00	100.00
2¼″ Rd. Pot 3 PPP	72	17.50	150.00
3″ Sq. Pot 3 PPP	S0	22.50	200.00
POTHOS Wilcaxi Propagating eyes	2,500		12.50
Rooted cuttings 2/5 lvs.	500	5.50	50.00
2¼″ Rd. Pot 3/4 PPP	72	17.50	160.00
3″ Sq. Pot 3/4 PPP (from tips rooted in pot)	S0	22.50	200.00

These listings of foliage plant sources are made for your convenience to eliminate several shipments of one order, as no one source grows a complete listing. Please indicate source when ordering.

Most growers will charge 50c per carton for packing. 25 at 100 rate. 250 at 1000 rate.

SOURCE F—Continued

	Pack Per Ctn.	Price Per C	Price Per M
SANSEVIERIA Hahni Bareroot 2½" pot size	250	8.00	75.00
Bareroot 3" pot size	250	9.00	85.00
2¼" Rd. Pot 1 PPP	72	17.50	150.00
3" Sq. Pot 1 PPP	50	22.50	200.00
Laurenti 2/2½ lvs. 5-8"	250	6.50	60.00
2/2½ lvs. 8-15"	250	7.50	70.00
3/5 lvs. miniatures	200	10.00	90.00
3/5 lvs. 5-8"	200	11.00	100.00
3/5 lvs. 8" to 15" or up	200	11.00	105.00
2¼" Rd. Pot 3 or more lvs. 6-9" tall	72	16.00	150.00
3" Sq. Pot 3/4 lvs. 8-10" tall	50	22.50	200.00
5" Rd. Tub (full) 12-18" tall	12	75.00	
Zeylanica 2-2½ lvs. (bareroot)	250	4.50	40.00
2/2½ lvs. 8" up	250	5.00	45.00
3/5 lvs. 4-6" miniatures	200	6.50	60.00
3/5 lvs. 6-8"; 8-12"; 12-15" and up	200	7.50	70.00
2¼" Rd. Pot 1 PPP	72	11.00	100.00
3" Sq. Pot 4 or more lvs. 8-10" tall	50	22.50	200.00
5" Rd. Tub (full) 15" to 20" tall	12	60.00	550.00
SCHEFFLERA Seedlings 3/5 lvs. (Approx. 4-5" tall)	500	4.00	35.00
2¼" Rd. Pot 2 PPP	72	16.00	150.00
3" Sq. Pot 3/4 PPP	50	22.50	200.00
Gallon can 3/4 PPP	6/9	125.00	

DISH GARDEN ASSORTMENT Plants in 2¼" White, Round Plastic Pots @ **15¢** each.

DRACAENA Godseffiana ... 2 PPP
DRACAENA Sanderlana ... 1 PPP
HOYA Carnosa Var. ... 1 PPP
MARANTA Kerchoveana ... 2 PPP
NEPHTHYTIS Emerald Gem ... 2/3 PPP
NEPHTHYTIS Green Gald ... 2/3 PPP
PEPEROMIA Green ... 2 PPP
PEPEROMIA Variegated ... 1 PPP
PEPEROMIA Semi-Variegated ... 1 PPP
PHILO. Cordatum ... 3/4 PPP
PHILO. Panduriforme ... 2 PPP
PILEA, Regular ar Dwarf ... 3 PPP
PODOCARPUS Maki ... 3 PPP
POTHOS Wilcoxi ... 3/4 PPP
SANSEVIERIA Hahni ... 1 PPP
SANSEVIERIA Zeylanica ... 1/2 PPP
SANSEVIERIA Laurentil ... 1 PPP
SCHEFFLERA ... 2 PPP

IN ORDERING 3", 4", 5", 6" or 8" POTS IN ASSORTED LOTS PLEASE KEEP THE FOLLOWING NUMBER PER CARTON IN MIND:

3" Rd. Pots.....45 per ctn.
3" Sq. Pots.....50 per ctn.
4" Rd. Pots.....20 per ctn.
4" Rd. Tubs.....24 per ctn.
5" Rd. Tubs.....12 per ctn.
6" Rd. Pots.....6/9 per ctn.
8" Rd. Pots.....4 per ctn.

SOURCE FC—FOB FLORIDA

CACTUS

	Per 100
MINIATURE ASSORTMENT: 2¼" Plastic Pot. Packed 50-100 Per Case	$17.00
COLLECTORS ASSORTMENT: 2½" Plastic Pot. Packed 36-72 Per Case	22.50
SPECIMEN ASSORTMENT: 3" Plastic Pot. Packed 25-50 per case	26.50
FLORIDA COLLECTION: Bare Root. Minimum pack, 100 per case.	10.50

Shipments can be made to common points as St. Paul, Minneapolis, Austin, Minn., Milwaukee, Chicago, Detroit, Toledo, Jacksonville, Ill., Indianapolis, Springfield, Ill., South Bend, Elkhart, Ind., Fort Wayne, Louisville, Nashville, Atlanta, Ga., Cleveland, Akron, Canton, Youngstown, Alliance, Pittsburgh, Washington, Pa., Wheeling, W. Va., Charleston, W. Va., Boston, Mass., Providence, R.I., New York City, Albany, N.Y., Buffalo, N.Y., Rochester, Syracuse, and Utica, N.Y., Jersey City, N.J., Philadelphia, Baltimore, Richmond, Va., Hartford, Conn., and other adjacent common points via tropical plant truck carriers resulting in large transportation savings over express.

CALAMONDIN ORANGE (L-MA-S-V)

ARAUCARIA (T-U-V)

DRACAENA MARGINATA (O-S)

SOURCE O—F.O.B. FLORIDA

	Per lineal ft.
DRACAENA MARGINATA, Single Stem, several heads. Egg Can, 3 to 8', **Grotesque shape**	$1.00
Single Stem, several heads. Egg Can, 3' to 8', **Straight stems.**	.85
Multiple Stems, several heads. Egg Can, 3' to 8', **Grotesque shape**	1.00
Multiple Stems, several heads. Egg Can, 3' to 8', **Straight stems**	.85

*Note: State whether single stem or multiple stems are desired when ordering; also how many heads and overall height wanted.

Stricta, Gal. Can	$1.00 each
Egg Can	2.50 each
PALM Areca, Egg Can—3'	3.00 each
Egg Can—4'	4.00 each
CHAMADORA Erumpens 4 pp Egg Can—3-4'	3.50 each
Egg Can—5-6'	5.00 each

SOURCE H—F.O.B. FLORIDA

	10	100
ACUBA Japonica, R.C., 4-5 lvs., 4-6"		$15.00
3", 6-8"	$ 4.50	40.00
4", 9-12"	8.00	75.00
6", 15-18"	16.00	150.00
DRACAENA Fragrans, U.R.C., 6-8" (200 per ctn.)	....	15.00
4", 12-15"	4.50	30.00
6", 20-26"	15.00	140.00
8", 36-46"	Each $2.00	19.00	185.00
Massangeana		
U.R.C. Small 4-5 lvs. (200 per ctn.), 6-8"	....	22.50
U.R.C. Large 8-10 lvs. (200 per ctn.), 12-15"	....	25.00
Rooted cuttings, 4-5 lvs. (200 per ctn.), 12-15"	....	30.00
3", 6-8"	4.75	37.50
4", 12-15"	7.50	65.00
6", 20-26"	16.00	150.00
Warneckii, U.R.C., 6-8", 8-10 lvs. (200 per ctn.)	....	30.00
R.C., 8-10 lvs. (200 per ctn.), 6-8"	....	37.50
3", 6-8"	5.50	45.00
4", 12-15"	7.50	65.00
FICUS Decora, M.R.L., Regular 12-16 lvs., 36-40"	5.50	50.00
M.R.L., Small, 6-10 lvs., 24-30"	4.50	40.00
6", 36-40"	12.50	100.00
8", 3pp, 40-48"	18.00	175.00
Egg can, 40-48"	Each $1.50	....	....
Elastica, M.R.L., 12-16 lvs., 18-20"	3.50	30.00
4", 24-30"	4.50	40.00
8", 4pp, 40-48"	Each $2.25	20.00	190.00
Pandurata, M.R.L. (25 per ctn.), 6-8 lvs., 15-18"	8.00	75.00
6", 20-26"	12.50	100.00
8", 4 plants, 30-36"	Each $3.50	....	....
10", 40-48", 4pp	Each $5.00	....	....
PHILODENDRON Burgundy, U.R.C., 3-5 lvs., 9-12" (50 per ctn.)	....	35.00
R.C., 4-5 lvs., 9-12" (50 per ctn.)	....	40.00
M.R.L., 4-6 lvs., 12-15" (35 per ctn.)	6.00	50.00
4" Sgl., 12-15"	8.00	75.00
4" Dble., 12-15"	10.00	95.00
6" Dble., 18-20"	16.00	150.00
Monstera, U.R.C., 3-5 lvs. (50 per ctn.), 18-20"	....	35.00
R.C., 4-5 lvs. (50 per ctn.), 18-20"	....	40.00
M.R.L., 4-6 lvs. (20 per ctn.), 18-20"	6.00	50.00
4" Sgl., 18-20"	8.00	75.00
6" Dble., 24-30"	16.00	150.00
8" Dble., 36-40"	20.00	190.00
10" Dble., 40-48"	30.00	290.00
Hastatum		
U.R.C. Medium, 4-5 lvs. (100 per ctn.), 9-12"	....	25.00
R.C. Medium, 4-5 lvs. (75 per ctn.), 9-12"	....	30.00
M.R.L., 4-6 lvs., 12-15"	6.00	50.00
3", 6-8"	4.50	40.00
4" Sgle., 12-15"	8.00	75.00
4" Dble., 12-15"	10.00	95.00
6" Dble., 18-20"	16.00	150.00
Mandianum, U.R.C., medium 4-5 lvs. (100 per ctn.) 9-12"	....	25.00
R.C., medium (75 per ctn.), 4-5 lvs., 9-12"	....	30.00
M.R.L., 4-6 lvs., 12-15"	6.00	50.00
3", 6-8"	4.50	40.00
4" Sgle., 12-15"	8.00	75.00
4" Dble., 12-15"	10.00	95.00
6" Dble., 18-20"	16.00	150.00
U.R.C. Med., 4-5 lvs., 6-8" (200 per ctn.)	....	8.00
Panduraeforme, U.R.C., Med., 4-5 lvs., 6-8" (200 per ctn.)	....	8.00
R.C., Baby Pandas (200 per ctn.), 4-6"	....	10.00
R.C., medium (150 per ctn.), 6-8"	....	12.50
R.C., large (150 per ctn.), 10-12"	....	15.00
3", 2 plants, 6-8"	4.50	40.00
4", 3 plants, 12-15"	8.00	75.00
Pertussum, U.R.C., 3-5 lvs. (50 per ctn.), 18-24"	....	35.00
R.C., 4-5 lvs. (50 per ctn.), 20-24"	....	40.00
M.R.L., 4-6 lvs., 24-30"	6.00	50.00
4" Sgle., 18-24"	8.00	75.00
4" Dble., 18-24"	10.00	95.00
6" Dble., 26-30"	16.00	150.00
SPATHIPHYLLUM Kochii, R.C., 3-5 lvs., 9-12"	1.50	12.50
3", 10-12 lvs., 4-6"	5.50	50.00
4", 15-18 lvs., 4-6"	8.50	75.00
6", 24-30 lvs., 15-18"	16.00	150.00
DRACAENA FRAGRANS POLES—with Cordatum base (2 per ctn.)	Each $3.50	....	....

SOURCE H—Continued

PHILODENDRON TOTEM POLES—Cypress—1 side
(Pert. Hast. Mand. Pand. or Burg.)

	24″	36″	48″	60″
Each	**$1.50**	**$3.50**	**$5.00**	**$7.50**
Fernwood—2 sides				
Each	**$2.00**	**$6.00**	**$9.00**	.....

PHILODENDRON CORDATUM ON POLES—Cypress—2 sides

Each	**$1.50**	**$3.50**	**$5.00**	.....
Fernwood—2 sides				
Each	**$2.00**	**$3.50**	**$5.00**	.....

24″—9 per ctn.; 36″—4 per ctn.; 48″—2 per ctn.; 60″—1 per ctn.

SANSEVEIRIA	Approx. Pack	Zeylanica 100	Zeylanica 1000	Laurentii 100	Laurentii 1000
6-9″, 2 lvs.	275	**$6.00**	**$50.00**	**$8.50**	**$75.00**
6-9″, 2-3 lvs.	250	**7.00**	**60.00**	**9.50**	**85.00**
6-9″, 3-4 lvs.	200	**8.50**	**70.00**	**11.00**	**100.00**
9-12″, 2 lvs.	250	**6.50**	**55.00**	**9.00**	**80.00**
9-12″, 2-3 lvs.	225	**7.50**	**65.00**	**10.00**	**90.00**
9-12″, 3-4 lvs.	200	**9.00**	**75.00**	**12.00**	**110.00**
12-15″, 2 lvs.	225	**7.00**	**60.00**	**12.00**	**110.00**
12-15″, 2-3 lvs.	200	**8.00**	**70.00**	**13.00**	**120.00**
12-15″, 3-4 lvs.	170	**9.50**	**80.00**	**14.00**	**130.00**
15-18″, 2 lvs.	170	**7.50**	**65.00**	**13.00**	**120.00**
15-18″, 2-3 lvs.	125	**8.50**	**75.00**	**14.00**	**130.00**
15-18″, 3-4 lvs.	125	**10.00**	**85.00**	**15.00**	**140.00**
18-24″, 2 lvs	150	**8.50**	**70.00**	**13.50**	**130.00**
18-24″, 2-3 lvs.	125	**9.50**	**80.00**	**15.00**	**145.00**
18-24″, 3-4 lvs.	100	**11.00**	**90.00**	**16.50**	**160.00**

Packing 3″—50 per ctn. 6″—12 per ctn.
4″—25 per ctn. 8″— 4 per ctn.

SOURCE K—FOB CALIFORNIA

CACTI and SUCCULENTS MINIATURE FOLIAGE PLANTS For Dishgardens and Novelty Planting

Collection No.		100	1000
A	**ALL-PURPOSE STANDARD.** Cacti and Succulents; ten or more standard varieties in uniform good selection for general dish garden work or individual 2 to 2½-in. pots	$ **6.00**	**$50.00**
B	**ALL-PURPOSE SUPERIOR.** Cacti and Succulents; includes the better, more durable and showier types of Succulents and Cacti, in 15 or more varieties. This is our most favored all around commercial assortment	**7.00**	**60.00**
C	**ALL-PURPOSE CHOICE.** Cacti and Succulents; limited to the more valuable, hard Succulents and most desirable Cacti, selected for keeping quality, odd shape and beauty	**9.00**	**80.00**
F	**MINIATURES.** Cacti and Succulents for tiny pots and miniature bowls	**4.50**	**35.00**
G	**MAMMOTH.** Cacti and Succulents; the Standard assortment in larger sizes; branched, eared and generally showier plants—for larger arrangements or 2½-3-4 inch pots	**15.00**	
H	**ALL-SUCCULENT ECONOMY,** ten or more varieties, useful and showy—an economical and colorful filler	**5.00**	**40.00**
K	**ALL-SUCCULENT FANCY,** the harder, slow-growing and fancy types of Succulents specially selected for best keeping quality, oddity as well as color	**8.00**	**70.00**
M	**ALL-CACTUS COMMERCIAL,** mostly Opuntias and Cereus—pad and column types—for a good showing at a low price	**7.00**	**60.00**
N	**ALL-CACTUS SELECT,** various types of Cacti from cuttings and seedlings; globular, branched, eared, padded and columnar varieties in best selection	**9.50**	
P	**SUNSET COLLECTION** for fanciers; fifty named varieties of Cacti and other Succulents such as Euphorbias, Haworthias, Echeverias, etc., and including all leading forms	**9.50**	
S	**SUB-TROPIC DIXIE ASSORTMENT,** as favoured in New York, small foliage plants with compatible Succulents and Sansevierias	**9.00**	**77.50**

SOURCE K—Continued

		100	1000
T	**TERRARIUM ASSORTMENT.** Miniature foliage plants with Succulents suited to Glass Gardens	$ **6.50**	
V	**SMALL FOLIAGE PLANT ASSORTMENT.** Usually made up of Billbergias, Variegated Ivy, Philodendron, Peperomia, Boxwood, Cryptanthus, Euonymus or similar plants suitable for Dish Gardens	**10.00**	**$87.50**
PP	**POTTED PLANT ASSORTMENT,** in 2¼″ plastic pots, light-weight planter mix. 10 varieties Cacti and Succulents labeled. Carton lots only	**17.00**	

SOURCE L—F.O.B. FLORIDA

	Each	100
CALAMONDIN Orange		
Gallon with fruit, 12-18″	**$1.50**	
3 gal. Lerio, Bushy, 24-36″ with fruit	**3.50**	
CARISSA Bonsai, gal. (8″-10″ spread)	**1.25**	
GREEN CARPET, gal., 10-12″, good for hanging basket	**1.00**	
LEMON Meyer, 12-18″, gal.	**1.75**	
3 gal., 24-36″	**4.50**	
DRACAENA Draco, gal., 12-15″	**1.25**	
Marginata, 2 gal. can, 18-24″, 2-3 heads	**3.50**	
FATSHEDERA Lizei. A hi-generic hybrid between Fatsia and Hedera. Semi-climbing vine or shrub with large glossy green leaves.		
2 gal., 24-36″, 3pp	**2.50**	
3 gal., 30-36″, 3pp	**4.50**	
FICUS Benjamino, gal., 18-24″	**1.00**	
STD., 4′ Egg can	**4.50**	
STD., 5′ Egg can	**5.50**	
Diversifolia (Mistletoe Fig), 4-6-8″		**$75.00**
Gal. can, 10-12″	**2.00**	
Nitida, STD. gal.	**1.00**	
Egg can, 5′	**5.50**	
Egg can, 6′	**6.50**	
Phillipinsis, STD. Egg can, 3′	**3.50**	
Rubiganosa, gal., 18-24″	**1.00**	
STD., 3′ Egg can	**3.50**	
IXORA Chinensis, gal., 12-15″	**1.25**	
Coccineo, gal., 10-12″		**75.00**
PALM Livistonia (Chinese Fon)		
Gallon can 12″-15″, 5-7 lvs.	**$1.25**	
Egg Can 24″-30″, 8-10 lvs.	**3.50**	
PHOENIX Roebeleni		
Plantainer—12-15″	**1.25**	
Egg can—20-24″	**3.50**	
Egg can—30-36″	**4.50**	
PHILODENDRON Selloum		
Plantainer—2pp, 6-9 lvs.		**90.00**
Egg can &/or Lerio can—2pp, 24″-36″	**2.50**	
PITTOSPORUM Tobira Green,		
Plantainer—Fancy, 12″-15″	**1.00**	
3 Gallon Lerio, 18″-24″	**2.50**	
3 Gallon Lerio, 30″-36″	**3.50**	
SCHEFFLERA. Plantainer—12″-15″, 3pp		**75.00**
Plantainer—18″-24″, 3pp	**1.00**	
30-36″ Egg can, 3pp	**3.00**	
42-48″ Egg can, 3pp	**3.50**	

Packing: 2½″ pots...50 plants
4″ pots.....24 plants
Plantainer (Gallon).. 9 plants
3-Gal. Lerio or Egg.. 2 plants

Pkg. Charge: 50c per carton on 4″ pot through Egg Con

CROTONS—DIEFFENBACHIAS—POTHOS R.C.

The above should not be ordered for shipment from October thru the winter months as they will not stand temperatures below 40°F., unless shipments can be made via Johnny Brown Tropical Carriers.

SOURCE M—F.O.B. FLORIDA

	100	1000
CHINESE EVERGREEN Miniatures	**$11.00**	**$100.00**
4/6″	**13.00**	**125.00**
6/8″	**16.00**	**150.00**
8/10″	**20.00**	**187.50**
10/12″	**26.00**	**250.00**
12/15″	**32.50**	**312.50**
3″, 2 ppp	**22.50**	
COMBINATIONS,		
3″ plastic, 4 ppp (Sans/Ch. Ever/Neph/Cordatum)	**18.75**	
**4″ plastic, 4 ppp (Sans/Ch. Ever/Neph/Cordatum)	**27.50**	
**5″plastic, 4-5 ppp (Sans/Ch.Ever/Neph/Cordatum)	**81.50**	
PHILODENDRON Cordotum, R.C., 2-4 lvs.	**5.00**	**42.50**
R.C., 3-5 lvs.	**6.00**	**55.00**
3″, 3-4 pp	**17.00**	
4″, 4-5 ppp	**27.50**	
FLORIDA, 3″ plastic, 3 ppp	**50.00**	
4″ plastic, 3 ppp	**62.50**	
6″ plastic, on 24″ hark	**1.25** each	
PANDUREFORME, R.C., Dwarf, 6-8″	**15.00**	
R.C., 8-10″	**18.75**	
4″ plastic, 3 ppp	**50.00**	
PERTUSSUM, 6″ 24″ hark	**1.25** each	
4″, 2 ppp	**68.75**	
SANSEVIERIA Laurentii, 3-5 lvs., ALL SIZES	**12.00**	**110.00**
Zeylanica, 3-5 lvs., ALL SIZES	**7.00**	**60.00**

SIZES FOR SANSEVIERIA: 4-6″; 6-8″; 8-10″; 12-12″; 12-15″; 15-18″; 18-24″
PACKING: 2½″....70
3″....50
4″ sq....30
6″....12

SOURCE N—F.O.B. FLORIDA

PHILODENDRONS:	Per ctn.	Per 100	Per 1000
EMERALD QUEEN, 3″ Double	50	**$30.00**	
Cordotum, R. C., 2-4 leaf A's	500	.....	**$50.00**
2½″, 3 or more to pot	72	**16.25**	
17″ Totem poles. Round	15	**85.00**	
24″ Totem poles. Round.....Each **$1.50**	12		
30″ Totem poles. Round.....Each **2.00**	6		
36″ Totem poles. Round.....Each **2.50**	6		
Pertussum, 4″ single select	35	**75.00**	
4″ small single	35	**50.00**	
4″ double select	35	**90.00**	
3″ single select	50	**45.00**	
MARANTA Kerchoveana, U.R.C.	500	**62.50**	
R.C.	500	**75.00**	
NEPHTHYTIS,			
Green Gold, 3-5 leaf R.C. (highly colored)		.....	**55.00**
Emerald Gem, R.C., 3-5 lvs.	500	.....	**55.00**
POTHOS, Golden, 3-5 leaf R.C.	500	.....	**55.00**
17″ Totem poles. Round	9	**85.00**	
24″ Totem poles. Round.....Each **$1.50**	12		
PEPEROMIA Obtusifolia, 3-5 R.C.	500	.....	**55.00**
3-5 U. R. C.	500	.....	**30.00**
PILEA Dwarf, U. R. C.	500	.....	**25.00**
R. C.	500	.....	**45.00**
SCHEFFLERA Seedlings	...	.....	**25.00**

SOURCE M.A.—F.O.B. FLORIDA

	Per 100	Per 1000
CALAMONDIAN ORANGE (carton lots only) 6″ heavily fruited, each **$1.60** (per ctn. **$14.40**)		
CROTONS Assarted, 3″ (May thru Sept.)	**$32.50**	**$300.00**
Gald Dust (Apple leaf), 3″	**19.00**	**175.00**
Ivaryana, 3″	**32.50**	**300.00**
DRACAENA Sanderiana, 3″	**18.00**	**175.00**
DIEFFENBACHIA Exatica, 3″	**26.00**	**250.00**
FICUS Decara, M.R.L., 10-16 lvs. (25 per ctn.)	**47.50**	
5″ pot, 15-20″ tall (12 per carton)	**75.00**	
6″ pot, 24-30″ tall	Each **$1.00**	
FITTONIA Argyraneura (White Veined), 3″	**18.00**	**175.00**
HOYA Carnosa (Wax Plant), variegated, 3″, 2 pp	**18.00**	**175.00**
NEPHTHYTIS Green Gald, R.C., 3-4 lvs.	**5.50**	**50.00**
3″ (3 pp)	**18.00**	**175.00**
Emerald Gem, R.C., 3-4 lvs.	**5.50**	**50.00**
3″ (2 pp)	**18.00**	**175.00**
MARANTA Kerchaveana, 3″	**18.00**	**175.00**
PEPEROMIA Obtusifolia 3″, 2 pp	**18.00**	**175.00**
PLANT Cambinatians, 3″ (3 ppp)	**18.00**	**175.00**
PILEA (Dwarf Aluminum), 3″ (2 ppp)	**18.00**	**175.00**
Branze, 3″	**18.00**	**175.00**
PHILODENDRON Cardatum R.C., 3-5 Leaf	**5.50**	**50.00**
3″ (4 ppp)	**18.00**	**175.00**
4″ (6-8 pp)	**45.00**	**437.50**
Emerald Queen, 4″ (2-3 pp)	**45.00**	**437.50**
R.C., 3-5 lvs.	**32.50**	**312.50**
Micans (Velvet Plant), 3″ 3-4 ppp)	**18.00**	**175.00**
Panduraefarme, R.C., 3-5 lvs., 10-15″ Tall	**20.00**	**187.50**
4″ (3-4 ppp)	**50.00**	
3″ (2 ppp)	**32.00**	
PERTUSSUM, M.R.L., 3 lvs.	**45.00**	**437.50**
POTHOS YELLOW FLAME 3″ (3-4 ppp)	**18.00**	**175.00**
4″ (6-8 pp)	**45.00**	**437.50**
Marble Queen, 3″, 2 ppp	**18.00**	**175.00**
4″ (6-8 ppp)	**45.00**	**437.50**
SANSEVIERIA Hahni (Rooted Plants)	**7.00**	**62.50**
3″	**18.00**	**175.00**
Zeylanica, R.C.	**7.00**	**62.50**
3″	**18.00**	**175.00**

5″ POTS—18″ POLE

Packed 12 per case. May be assorted to Carton.

PHILODENDRON Cardatum Totems (18″ Fernwood) **$1.00 ea.**
Large Leaf Totems (18″ Bark) **1.00 ea.**
Large leaf varieties as **Panda, Emerald Queen** and **Pertusum** on front and small leaved plants on back of bark.

6″ POTS—24″ POLE

Packed 9 or 12 per case

DRACAENA Massangeana Totems **$1.50 ea.**
PHILODENDRON Cardatum Totems (24″ Fernwood) **1.50 ea.**
Large Leaf Totems (24″ Bark) **1.50 ea.**
Large leaf varieties as **Panda, Emerald Queen** and **Pertusum** on front and small leaved plants on back of bark.

7″ POTS—30″ POLE

Packed 6 per case. May be assorted to Carton.

PHILODENDRON Cardatum Totems (30″ Fernwood) **$2.50 ea.**
Large Leaf Totems (30″ Bark) **2.50 ea.**
Large leaf varieties as **Panda, Emerald Queen** and **Pertusum** on front and small leaved plants on back of bark.

SOURCE M.A.—Continued

8″ POTS—36″ POLE

Packed 6 per case.

PHILODENDRON Cardatum Totems (36″ Bark) **$3.75 ea.**
Pertussum Totems (36″ Bark) **3.75 ea.**
2½ inch, assarted as wanted 50 per Cartan—3 inch, assorted as wanted 50 per Cartan—4 inch, assarted as wanted 22 per Cartan—6 inch 9 per Carton

4″ PHILODENDRON Panduriforme (E-F-H-Z) 3″

SOURCE T—F.O.B. FLORIDA

ARAUCARIA Excelsa, Lilliani. The following trees shipped bareroot, moss packed, plastic wrapped, parcel post, special handling PREPAID:

	3-4″ tall 4-6 branches	4-6″ tall 8-10 branches
Seedlings:		
100 to 500	**$20.00** per 100	**$25.00** per 100
500 to 1000	**19.00** per 100	**22.50** per 100
1000 and over	**17.00** per 100	**20.00** per 100
Out of QUARTS, heavy		**$60.00** per 100
Out of GALLONS, compact	**$1.50** each, minimum order 15 trees	

Raated Tips. The following trees are shipped bareroot, moss packed, plastic wrapped, parcel post, special handling PREPAID:
Out of QUARTS **$1.00** each, minimum order 25 trees
Out of GALLONS **2.00** each, minimum order 15 trees

Patted Trees. The following are shipped RAILWAY EXPRESS, GREYHOUND BUS, or AIR FREIGHT, **charges collect;** there is no carton or packing charge.

Seedling Trees, in 6″ pots. Packed 9 per carton, 14″ & up **$13.50** per carton.

Roated Tips, in 6″ pots. Packed 9 per carton, 14″ & up **$18.00** per carton.

Seedlings, in 2½″ pots **$32.50** per 100.

SOURCE X—F.O.B. FLORIDA (Carton lots only)

	Ctn. Pak	Per 100	Per 1000
DIEFFENBACHIA Picta 4″	25	$ 60.00	
U.R. Tips, 4 lvs.			$ 40.00
Raehrsi 4″	25	60.00	
U.R. Tips, 4 lvs.			40.00
FICUS Pandurata M.R.L.	20	75.00	
Decara, M.R.L., 10-14 lvs.	25	50.00	
PEPEROMIA Obtusifalia Variegata, U.R. Tips, 3-5 lvs.			60.00
R.C., 3-5 lvs.	100		80.00
2½″, 2 pp.	50	18.00	160.00
PHILODENDRON Cardatum R.C., #1 3-5 lvs.	500		50.00
R.C., #2 3-5 lvs	500		37.50
2½″, 4 plants per plastic pot	100	18.00	160.00
4″, 8-10 vines per pot	24	60.00	
SCHEFFLERA, Egg can, 3-4 pp, 3′-4′		3.00 ea.	

SOURCE S—F.O.B. FLORIDA

	Each	100
AGLAONEMA Pewter, 5″, 3 ppp		**$75.00**
6″, 3 ppp	**$1.25**	
7″, 3 ppp	**2.00**	
ARALIA Pennacki, 5″ 3 pp (no fruit)		**75.00**
6″ 3 pp	**1.25**	
CALAMONDINS 2½″		**20.00**
6″ Plastican	**1.25**	
Egg Can	**2.50**	
CROTONS Ass't. varieties, 3″ (June-Sept.)		**35.00**
6″, Ass't Fancy Hybrid	**1.00**	
8″, Ass't Fancy Hybrid	**1.50**	
Egg Can, Ass't Fancy Hybrid	**3.50**	
DRACAENA Janet Craig, 5″	**.75**	
6″	**1.25**	
Massangeana, 6″	**1.25**	
5″		**75.00**
Thaliades, 5″		**75.00**
6″	**1.25**	
FICUS DECORA, MRL		**50.00**
PALMS, Neanthe Bella, Transplants (500 or more 50.00 M)		**6.00**
PHILODENDRON Dubia, 5″, 2 ppp		**75.00**
6″, 3 ppp	**1.25**	
Hastatum, 5″, 2 ppp		**50.00**
6″, 3 ppp	**1.25**	
Pertussum, 5″, 2 ppp		**75.00**
6″, 3 ppp	**1.25**	
LARGE LEAF TOTEM POLES ON BARK, 24″	**1.50**	
30″	**2.50**	
36″	**3.50**	
48″	**5.00**	
SCHEFFLERA Seedlings (**$50.00** per 1000)		**6.00**

Packing—2½″—50 per carton. Egg cans—2 per ctn.
3″—50 per ctn, 6″—9 per ctn.
4″—25 per ctn., 8″—4 per ctn.
5″—16 per ctn., 10″—2 per ctn.

PHILODENDRON Florida on Bark (B)

(E-P) TRADESCANTIA Fuscata (B)

GERBERAS

SOURCE I—FOB CALIFORNIA

Transvoal Daisies—California Hybrids

Available this season many new exotic colors blending with the soft pastel tones. Large flowers borne on sturdy stems and heavy bloomers flowering over a long period of time. These California Hybrids are by far the finest Gerberas available.

Grown as potted plants they commence flowering in 3 months from bare root or from peat pots in about 2 months. Started in the fall they can be used as cut flowers during the winter and selling them during spring as flowering plants for the garden.

BARE ROOT	100	1000
Hybrid Duplex, 1 to 2 eye	$14.00	$125.00
2 to 3 eye	18.00	160.00
Jumbo, 3 to 5 eye	25.00	220.00
Hybrid Double (Approx. 75% Dbles., balance Hybrid Duplex)		
9 mo. old flowering size	14.00	125.00
1 to 2 eye	20.00	180.00
2 to 3 eye	25.00	235.00
Jumbo 3 to 5 eye	35.00	320.00

(MINIMUM ORDER BAREFOOT—100 PLANTS)

You may combine Duplex and Doubles to equal 250. 250 takes 1,000 rate

GERBERAS—PEAT POTS 1¾″

Hybrid Duplex, 1¾″ $20.00 $190.00

(MINIMUM ORDER PEAT POTS—100 PLANTS)

Shipments can be made to common points as St. Paul, Minneapolis, Austin, Minn., Milwaukee, Chicago, Detroit, Toledo, Jacksonville, Ill., Indianapolis, Springfield, Ill., South Bend, Elkhart, Ind., Fort Wayne, Louisville, Nashville, Atlanta, Ga., Cleveland, Akron, Canton, Youngstown, Alliance, Pittsburgh, Washington, Pa., Wheeling, W. Va., Charleston, W. Va., Boston, Mass., Providence, R.I., New York City, Albany, N.Y., Buffalo, N.Y., Rochester, Syracuse, and Utica, N.Y., Jersey City, N.J., Philadelphia, Baltimore, Richmond, Va., Hartford, Conn., and other adjacent common points via tropical plant truck carriers resulting in large transportation savings over express.

For dark areas we suggest using Aglaonemas such as Schismatoglottis, Commutatum and Treubii—Tradescantia Fuscata—Scindapsus Pictus—Hoya Silver Pink—Spathiphyllums—Birds Nest Fern

SOURCE V—F.O.B. FLORIDA

	Packing Per ctn.	Each	Per 100
ARAUCARIA, gal. size 24″	9	$2.50	
Egg Can	2	5.50	
CALAMONDIN ORANGE, Gallon Cans Fruited	9	1.75	
Egg Can, Fruited	2	4.00	
CHRISTMAS CACTUS, Bicolor shell pink, Thanks **RC branched**—June—July—August—Plant. 2 in a 3″ or 4 in a 4″, Pinch no later than Sept. 1st. From Aug. 15 to Sept. 30, should carry 60° nite			$12.00
6″ heavy, with wire hanger	11	1.50	
CROSSANDRA Danio, R.C., Spring bloomer. Plant in 3″. Can shift to 4″. Pinch until December.			12.00
DRACAENA MARGINATA, Egg Can, 4′ multiple heads	2	5.50	
FICUS DECORA, M.R.L., 10-16 lvs. (Single orders of 500 or more $45.00 per 100)	25		50.00
FICUS DECORA, Egg Cans, 3 ppp		2.00	
FICUS DOESCHERII, M.R.L. (June until Nov.)	25		60.00
Egg Cans, 3 ppp		2.00	
MARANTA VOSTER, 3″	48	1.00	
NEANTHA BELLA PALMS 6″, 6-8 pp	9	1.25	
PINEAPPLE, 4″ w/fruit	24	1.00	
5″ w/fruit	15	1.50	
6″ w/fruit	9	1.75	
PHILODENDRON Cordatum, 3″, 3-4 pp	48		17.00
4″, 6 pp	24		45.00
PITTOSPORUM Green, Egg Can	2	3.50	
Variegated, Egg Can	2	3.50	
PODOCARPUS, Egg Cans, 3 ppp	2	5.50	
POTHOS, 3″, 3-4 ppp	48		17.50
Marble Queen, 3″, 3-4 pp	48		17.50
SCHEFFLERA, Egg Can, 3½-4″, 3 pp	2	3.00	
STRELITZIA REGINAE (Bird of Paradise) Egg Can with spike	2	4.50	

SOURCE W—F.O.B. FLORIDA

	100	1000
PHILODENDRON Cordotum		
R.C. #1 (500 per ctn.)	$ 6.50	$60.00
R.C. #2 (500 per ctn.)	5.00	47.00
2¼″ (3-4 pp)	16.25	
6″ pot, 24″ Cypress Rd. pole ..... Each $1.90		
De Werthi, 6″, lge. self header ..... Each 2.00		
Lacineatum, 4″ (2 pp)	75.00	
R.C., 6-8″	25.00	
Micans, 2¼″ (2 pp)	22.50	
R.C. (Velvet Leaf)	7.50	70.00
Panduraeforme (Fiddle Leaf) Rooted tips, 6-10″	18.75	
4″ (2-3 pp)	50.00	
Pertussum, M.R.L. (1 & 2 per mossing), 25 per ctn.	75.00	
Red Emerald, 4″, 1 pp ..... Each $1.00		
6″ pot, 30″ pole, 3 pp ..... Each 3.50		
8″ clay pot, 36″ pole, 4 pp ..... Each 6.00		
POLES—in 8 inch clay pots on bork.		
Cordatum, 36″ ..... Each 3.75		
Emerald Queen, 36″ ..... Each 4.00		
Lacineatum, 36″ ..... Each 4.00		
Ponda, 36″ ..... Each 4.00		
Pertussum, 36″ ..... Each 4.00		
DIEFFENBACHIA Exotica, New-Splashed white, 3″		37.50
2¼″	20.00	
6″, 3 pp ..... Each $1.50		

On all orders for less than $10.00 from one source there will be a service charge of $1.00, except where noted otherwise.

SOURCE V—F.O.B. FLORIDA (continued)

	Per 100
Hoya Silver Pink, 2¼″, 2-3 pp	15.00
6″ pot, 24″ Pole Rd. ..... Each $1.90	
8″ pot, 36″ Pole Rd. ..... Each 2.50	
PEPEROMIA Green, R.C.	6.25
Variegated R.C.	10.00

PACKING: 2¼″—100 per case. 3″—25 or 50 per case. 4″—20 per case. 6″—9 per case. Peps. R.C.—250 per case. Cordatum & Micans R.C.—500 per case.

REX BEGONIA

Finest assortment available from specialists collection. 100

2¼″ in assortment $35.00

4″ in assortment 75.00

2¼″—50 per case. 4″—20 per case.

SOURCE WT—F.O.B. TEXAS

	100	1000
PHILODENDRON Cordatum, R.C., 3-5 lvs., #1 SIZE (500 to a carton-approx. 38 lbs./ctn.)		$50.00
#2 SIZE R.C., 2-4 lvs. (500 to a carton-approx. 28 lbs./ctn.)		40.00
DIEFFENBACHIA Amoena, B.R. cuttings, 15-18″ for 5-6″ pot	65.00	

Minimum shipment 1 carton. Packing charge 50c per carton

SOURCE WF—F.O.B. FLORIDA

	Per Ctn.	Per 100	Per 1000
DIEFFENBACHIA AMOENA, Bare root, 3-4 lvs., 8-12″	50	$35.00	
U.R. Tips for 5″ or 6″ pots	35	55.00	
Rooted Tips in 3″ pots, for 6″ pots	25	65.00	
Cane grown plants 4″ pots, for 5″ or 6″ pots	25	65.00	
PHILO. CORDATUM, R.C., #1 Grade, 3-5 lvs.	500		$50.00
R.C., #2 Grade, 2-4 lvs.	500		40.00
Micans (Bronze Beauty), R.C., 3-4 lvs.	500	6.00	55.00
PERTUSSUM, M.R.L. Tips, 4-5 lvs.	50	50.00	
POTHOS GOLDEN, R.C., 2-4 lvs., excellent quality	500	45.00	

PHILODENDRON Lacineatum on bark 2 sides (B-D)

SOURCE U—F.O.B. FLORIDA

	Pack	Each	100
ARECA Palms, Egg can, 3'-4'	2	$ 4.00	
6" Pot, 2½'-3'	9	2.00	
ARALIA Elegantissimo, 3-4'	2	5.00	
ARAUCARIA Excelsea, Egg can, 3-4', 4-5 tiers (Sept.)	2	7.50	
6" (Sept.), 16" and up	9	2.00	
CHAMADOREA Erumpuns, Egg can, 6'	2	6.00	
CLUSEA ROSEA, 6" pot, 2pp, 12"-18"			$75.00
Egg can, 4pp, 3'-4'		3.00	
DRACAENA Mossongeona Poles in gallon cans, 3 canes per can. Each can contains three heights as listed			
48"—36"—15"	4	8.50	
36"—24"—18"	4	6.50	
30"—18"—12"	4	4.50	
FICUS Decora, MRL, specials for 4", 6-9 lvs.	65		25.00
MRL, regular	35		45.00
250 or over @ $40.00 per 100			
GARDENIA Glazerii, 6" pot (Easter & Mothers Day del.)	9	1.50	
2 gal. Lerio can (Easter & Mothers Day del.)	4	3.50	
PHILODENDRON Ponduaeforme 30", 6" pot	9	2.50	
On Poles, (Cypress & Fernwood)			
48", 10" pot, 6-8 plts.	2	6.00	
36", 8" pot, 6-8 plts.	4	4.00	
24", 6" pot, 6-8 plts.	9	1.75	
4', pot, 3 plts.	25		75.00
3', pot, 2-3 plts.	50		45.00
Boby Panda, Cane Eyes	150		10.00
MRL, 4-5 lvs.	100		20.00
U.R. Tips, 4 lvs.	25		12.00
PERTUSSUM on Bork, 30", 6" pot, 3-4 plts.	9	2.50	
36", 8" pot, 4 plts.	4	4.00	
48", 10" pot, 4 plts.	2	6.00	
60", 10" pot, 4 plts.	2	8.50	
72", 10" pot, 4 plts.	1	13.50	
MRL, 3-5 lvs.	50		60.00
SELLOUM Egg con, 3'x3'	2	2.50	
PODOCARPUS Egg can, 3'-4'	2	4.00	
SCHEFFLERA Egg can, 3 plts, 3-4'	2	3.50	
Cheese can, 3pp, 6' tall		7.50	

SOURCE Y—F.O.B. FLORIDA

	100
CHINESE EVERGREENS, R.C., 4/6"	$11.00
R.C., 6/8"	18.50
R.C., 8/10"	22.50
R.C., 12/15"	32.50
AGLAONEMA Simplex, 2¼", 1pp	13.00
DIEFFENBACHIA Picta, R.C., 6/8"	19.00
3", 1pp	32.50
DRACAENA Florido Beouty, R.C., 2/4" tier	12.00
2¼", 1pp	18.00
3", 2pp	40.00
Godseffiano, R.C., 2/4 tier	10.00
2¼", 1pp	14.00
Sanderiana, R.C. 4/8"	12.00
2¼", 1pp	18.00
MARANTA Kerchoveono, R.C., 3/5 lf.	7.00
2¼", 1pp	14.00
3", 2pp	18.00
4", 3pp	35.00
NEPHTHYTIS Emerold Gem, R.C., 2/3 lf.	4.00
R.C., 3/5 lf.	5.50
2¼", 1pp	9.00
3", 3pp	18.00
Green Gold, R.C., 2/3 lf.	4.00
R.C., 3/5 lf.	5.50
2¼", 1pp	10.00
3", 3pp	18.00

SOURCE Y—Continued

	100
PEPEROMIA Green, R.C., 3/5 lf.	$ 5.50
Voriegota, R.C., 3/5 lf.	9.00
2¼", 1pp	15.00
3", 1pp	18.00
Marble, R.C., 3/5 lf.	5.50
2¼", 1pp	9.00
Obtusifolia, 2¼", 1pp	9.00
PHILODENDRON Cordotum, R.C., 2/3 lf.	4.00
R.C., 3/5 lf.	5.00
2¼", 3pp	16.00
2¼", 2pp	12.00
2¼", 1pp	10.00
3", 3pp	18.00
4", 6pp	35.00
Florido, R.C., 3/5 lf.	22.50
4", 2pp	70.00
Hastatum, R.C., 3/5 lf.	20.00
4", 2pp	70.00
Ponduroeforme, R.C., 3/5 lf.	8.50
R.C., 3/5 lf. med.	15.00
3", 2pp	45.00
4", 3pp	70.00
Pertussum, R.C., 3/5 lf. large	50.00
R.C., 3/5 lf. med. large	40.00
R.C., 3/5 lf. small med.	30.00
4", 1pp	55.00
4", 2pp	70.00
NEANTHA Bella Palms, R.C., 3/5 lf.	5.50
2¼", 1pp	15.00
POTHOS Wilcoxii, R.C., 3/5 lf.	5.50
2¼", 1pp	10.00
3", 3pp	20.00
Silver Marble, R.C., 3/5 lf.	9.00
2¼", 1pp	15.00
PILEA Cadieri, R.C., 4/6 lf.	5.00
2¼", 2pp	14.00
3", 3pp	18.00
PODOCARPUS Maki, R.C., 4/6"	4.50
2¼", 1pp	9.00
SCHEFFLERA, R.C., 4/6 lf.	5.00
SANSEVIERIA Zeylanica, R.C., 3/5 lf. (ALL SIZES AVAIL.)	6.00
R.C., 2 lf. (ALL SIZES AVAILABLE)	11.50
2¼", 1pp	9.00
Laurentii, R.C., 3/5 lf. (ALL SIZES AVAILABLE)	11.50
R.C., 2 lf.	7.00
2¼", 1pp	14.00
COMBINATIONS ASSORTED, 3", 3pp	18.00

TOTEM POLES

		Size	Per Ctn.	Each
PERTUSSUM	18" Bark	5" Pot	16	$ 0.95
	24" Bark	6" Pot	4, 6, or 12	1.85
	36" Bark	8" Pot	6	4.25
	48" Bark	10" Clay	1	6.50
	60" Bark	12" Clay	1	11.50
PANDURAEFORME	18" Bark	5" Pot	16	.95
	24" Bark	6" Pot	4, 6, or 12	1.85
	36" Bark	8" Pot	6	4.25
	48" Bark	10" Clay	1	6.50
HASTATUM	24" Bark	6" Pot	4, 6, or 12	1.85
CORDATUM	12" Pole	4" Pot	25	.65
	18" Bark	5" Pot	16	.85
	24" Bark	6" Pot	4, 6, or 12	1.75
	36" Bark	8" Pot	6	4.25
	48" Bark	10" Clay	1	6.00
FLORIDA	18" Bark	5" Pot	16	.95
	24" Bark	6" Pot	4, 6, or 12	1.85
POTHOS WILCOXII	12" Pole	4" Pot	24	.65
	18" Bark	5" Pot	16	1.85
	24" Bark	6" Pot	4, 6, or 12	1.75

ALL TOTEMS ON ONE SIDE OF BARK

SOURCE Z—F.O.B. FLORIDA

2¼" CLAY POTS Specify if wanted in clay or paper cups as you save if by express to specify paper cups	Per Ctn.	100
NEPHTHYTIS, Green Gold, 2pp	60	$17.00
PALMS, Neanthe Bella, 2pp	60	17.00
PHILODENDRON Cordatum, 3pp	60	17.00
POTHOS, Orange Queen, 3pp	60	17.00
Marble Queen, 2pp	60	17.00
SCHEFFLERA, 3pp	60	17.00
3" PLASTIC POTS		
BEGONIA PINK SPOT, 2pp	48	$18.00
CHINESE EVERGREEN, 1-2pp	48	$25.00
COMBINATIONS, 3pp	48	18.00
CROTON, Apple Leof, 1-2pp	48	18.00
DIEFFENBACHIA Exotica or **Perfection,** 1pp	48	25.00
DRACAENA GODSEFFIANA, 2-3pp	48	18.00
MARANTA, Kerchoveana, 2pp	48	18.00
NEPHTHYTIS, Green Gold, 2pp	48	18.00
Emerold Gem, 3pp	48	18.00
PALMS, Neonthe Bello, 2-3pp	48	18.00
PEPEROMIA Marble, 2pp	48	18.00
PHILODENDRON Cordatum, 4pp	48	18.00
PILEA, Cordiereli, 3pp	48	18.00
POTHOS, Orange Queen, 3-4pp	48	18.00
Marble Queen, 2-3pp	48	18.00
SANSEVIERIA Hahnii, 1pp	48	18.00
Laurentii, 1pp	48	18.00
Zeylancia, 1pp	48	18.00
SCHEFFLERA, 2-3pp	48	18.00
4" PLASTIC POTS		
DIEFFENBACHIA Exotica, 1pp	30	45.00
DIEFFENBACHIA Perfection, 1pp	30	55.00
PHILODENDRON Cordatum, 5pp	30	40.00
Ponduraeforme, (on 12" stick), 3-4pp	30	65.00
5" PLASTIC POTS		
COMBINATIONS	20	$75.00
DIEFFENBACHIA Amoeno, 1pp	20	75.00
Exotico, 1pp	20	75.00
PHILO, Emerald Queen, 2-3pp	20	75.00
Pertussum, 2pp	16	75.00
6" PLASTIC POTS	Pkd.	Each
DIEFFENBACHIA, Perfection (Branched)	12	$1.50
Amoeno	12	1.50
PHILODENDRON TOTEMS 24" BARK, 6" POTS		
Emerold Queen, 4-5pp	12	1.50
Panduraeforme, 4-5pp	12	1.50
Pertussum, 3pp	12	1.50
TOTEMS 18" BARK, 5" POTS		
Emerald Queen, Ponduroeforme, 3pp	16	1.00
Pertussum, 2pp	16	1.00

Foliage Plants From Puerto Rico

SOURCE P— F.O.B. PUERTO RICO

Foil-grown are like a Mossed Layer. Allow four to six weeks for delivery. While a small inventory of these items are always on hand, you cannot depend on "at once" shipment. We may be just out and in which case there may be a six week delay on foil-grown and potted material.

All shipments are via **AIR FREIGHT** except those going to the Newark area, via Sealand Service, and can be picked up or will be forwarded.

Name of airport and town and your telephone number must be supplied so you can be notified on arrival.

	Per 100	Per 1000
AGLAONEMA Commutatum, U.R.C., 4-6″	$ 7.00	$ 62.50
U.R.C., 6-8″	8.00	75.00
U.R.C., 8-12″	11.25	100.00
R.C., 4-6″	11.25	100.00
2¼″	11.25	100.00
Foil Grown, 4-6″	11.25	100.00
Propagating Cane, per foot	15.50	125.00
Maranrifolia, U.R.C., 8-12″	22.50	200.00
2¼″	32.50	293.75
Pewter, U.R.C., 8-12″	11.25	100.00
Simplex (Chinese Evergreen), U.R.C., 4-6″	5.75	50.00
U.R.C., 6-8″	7.00	62.50
8-10″	8.75	75.00
10-12″	10.00	87.50
12-15″	11.25	100.00
Foil Grown, 6-8″	10.00	87.50
Propagating Cane, per foot	15.50	125.00
ARALIA Balfouriona, U.R.C., 7-9″	7.00	62.50
2¼″, 1 tip per pot, 7-9″	12.50	112.50
Pennacki, U.R.C., 8-12″	10.00	87.50
DIEFFENBACHIA		
Picta, Cane per ft	20.00	187.50
DRACAENA Borinquensis, U.R.C., 4-6″	8.75	75.00
U.R.C., 6-8″	8.75	75.00
8-12″	8.75	75.00
R.C.	15.00	137.50
Florido Beauty, 2¼″, 2 tips	13.75	125.00
Godseffiana, U.R.C., 2 sets of lvs.	5.00	37.50
U.R.C., 3 sets of lvs.	6.25	50.00
R.C., 2 sets of lvs.	7.50	62.50
R.C., 3 sets of lvs.	8.75	75.00
2¼″, 3 tips per pot	13.75	125.00
Janet Craig, U.R.C., 8-12″	18.00	156.25
Kelleriana, U.R.C., 6-8″	8.75	75.00
2¼″	13.75	125.00
Marginata, U.R.C., 6-8″	18.75	175.00
U.R.C., 8-12″	22.50	200.00
Foil Grown, 6-8″	25.00	225.00
Massangeana, U.R.C., 8-12″	18.75	168.75
2¼″, 1 tip per pot, 8-12″	25.00	225.00
R.C. from cane	21.25	187.50

SOURCE P—FOB Puerto Rico—Continued

	Per 100	Per 1000
Sanderona, U.R.C., 2-3″	5.75	45.00
U.R.C., 3-4″	5.75	45.00
4-6″	5.75	45.00
6-8″	5.75	45.00
8-12″	5.75	45.00
12-15″ & up	7.00	60.00
R.C., 4-6″	8.25	70.00
6-8″	8.25	70.00
8-12″	8.25	70.00
12-15 & up	9.50	85.00
Foil Grown, sizes up to 12″	8.25	70.00
sizes 12″-15″ & up	9.50	85.00
2¼″, 4-6″ & 6″-8″, 1 tip per pot	9.50	85.00
Virens, U.R.C., 6-8″	5.75	45.00
Warneckii, U.R.C., 6-8″	17.00	150.00
U.R.C., 8-12″	20.50	175.00
12-15″	22.50	200.00
R.C., 6-8″	20.50	187.50
8-12″	24.25	212.50
Foil Grown, 6-8″	20.50	187.50
8-12″	24.25	212.50
2½″, 1 tip per pot, 8-12″	28.75	262.50
DRACAENA TOPS: Lord Worlesley, Terminalis, Eugene Andre, Firebrand, Stricto, Grandis, Baptist and Tricolor	21.25	187.50
DRACAENA CANES: Massangeana, Fragrons, per foot: **$15.00** 100 ft. lots, **$12.50** per foot 300 ft. lots, **$10.00** per foot 500 ft. lots.		
For Totem Pole Material 1¼″ diam. cut to length	17.50 per C ft.	
Eugene Andre, Firebrand, Stricta, Grondis, Baptisti, Tricalar, Lord Worlesley, Terminolis, Rufus Scott and Hawaiian Ti, per foot.	11.25	87.50
Cut in 3″ pieces	4.00	40.00
FICUS DECORA, M.R.L., 20″ large, 12 lvs. & 15″, 8-11 lvs.	35.00	300.00
15″ small, 8-11 lvs.	35.00	
MARANTA KERCHOVEANA, U.R.C.	6.25	56.25
2¼″, 2 tips per pot	13.75	125.00
NEPHTHYTIS, Emerald Gem, R.C., 3-5 lvs.	4.00	37.50
2¼″, 3 tips per pot	10.50	100.00
PLEOMELI Thaliades, U.R.C., 12-15″	31.25	250.00
PHILODENDRON Cordatum, 2¼″, 3 tips per pot (May-Aug.)	13.25	120.00
3 tips per pot (Sept. Apr.)	15.00	131.25
Eyes, Small leaves (2,000 min.), Vines		10.00
Medium leaves (2,000 min.), Vines		12.50
Eyes, cut individually		14.00
Hastatum, U.R.C., 8-12″, 3 lvs.	18.75	168.75
8-12″, 4 lvs.	21.25	187.50
12-15″, 4 lvs.	23.75	212.50
M.R.L., 4-6 large lvs.	31.25	250.00
Mondeanum, U.R.C., 8-12″, 3 lvs. up	25.00	225.00
M.R.L., 4-6 large lvs.	31.25	250.00
Ponduraefarme, U.R.C., 8-12″	12.50	112.50
2½″, 3 tip per pot	21.25	187.50
Pertussum, M.R.L., 4-6 character lvs.	56.25	500.00

SOURCE P—FOB Puerto Rico—Continued

	Per 100	Per 1000
POTHOS, Marble Queen, 2¼″, 3-4 tips per pot	15.00	137.50
Eyes (Vines)		12.50
Eyes, cut individually		14.00
Tri-Calar, 2¼″, 3 tips per pot	15.00	137.50
Eyes (Vines)		12.50
Eyes, cut individually		14.00
SANSEVIERIA Laurentii Compacta, 6-8″, 3-5 lvs.	10.00	85.00
6-8″ Rosettes	11.25	93.75
8-12″, 3-5 lvs.	12.00	100.00
Hahnii, 2-3″	8.00	75.00
Laurentii, 6-8″, 3-5 lvs.	10.00	85.00
8-12″, 3-5 lvs.	10.00	85.00
12-15″, 3-5 lvs.	12.00	100.00
15-18″, 3-5 lvs.	12.50	106.25
18-24″, 3-5 lvs.	13.75	112.50
24-36″, 3-5 lvs.	15.00	125.00
Zeylanica, 6-8″, 3-5 lvs.	5.75	47.00
8-12″, 3-5 lvs.	5.75	47.00
12-15″, 3-5 lvs.	8.00	53.00
15-18″, 3-5 lvs.	8.75	65.50
18-30″, 3-5 lvs.	15.00	125.00
SHISMATIGLOTTIS Roebelini, U.R.C., 8-12″	21.25	187.50
2¼″	31.25	250.00
Cane, per foot	21.25	200.00

These listings of foliage plant sources are made for your convenience to eliminate several shipments of one order, as no one source grows a complete listing. Please indicate source when ordering.

Most growers will charge 50c per carton for packing. 25 at 100 rate. 250 at 1000 rate.

CHRISTMAS BEGONIAS

(June—July)

AMERICAN VARIETIES 2¼″

MARJORIE GIBBS
LADY MAC
MELIOR

	Per 100
Less Than 100	$50.00
100 To 250	42.50
250 To 1000	37.50
1000 Up Less 5%	

Shipped in cartons of 50 plants only.

SCANDINAVIAN VARIETIES 2¼″

TOVE
KAROLINA
RED SOLFHEIM
DARK SOLBACHEN
COMPACTA
LADY MAC SUPREME

Less Than 100	$55.00
100 To 250	47.50
250 To 1000	42.50
1000 Up Less 5%	

Shipped in carons of 50 plants only

CYCLAMEN

	100	1,000
3″ assorted colors	$40.00	$375.00
4″ assorted colors	70.00	650.00

Spring Bedding Plant Sources

THESE COMPOSITE LISTINGS OF SPRING BEDDING PLANTS WILL ENABLE YOU TO MAKE YOUR SELECTIONS SO THEY CAN BE SHIPPED FROM ONE SOURCE. THIS SAVES HANDLING COSTS AND TRANSPORTATION CHARGES. ON ALL ORDERS LESS THAN $10.00 FROM ONE LISTING ADD $1.00 MINIMUM ORDER CHARGE.

SOURCE 2—F.O.B. PENNA.

	Per 100	Per 1000
ACHYRANTHUS, Red, Yellow & Rosebud, R.C.	$ 5.00	
2¼"	12.50	
ALTERNANTHERA, Red & Yellow, R.C.	5.00	
2¼"	12.50	
AGERATUM, Imp. Dwf. Riverside, Devon Blue, Purple Beauty, White, and Pink, R.C.	3.50	$ 30.00
2¼"	12.50	112.50
ASPARAGUS, Plumosa & Sprengeri Seedlings		25.00
2¼"	12.50	
BEGONIA, Red, Pink, & White Scand. & Indian Maid, 2¼"	12.50	
BEGONIA, Tausendschon Red, Pink & White, 2¼"	13.75	
BELOPERONE GUTTATA, Shrimp Plant, R.C.	6.50	
2¼"	12.50	
COLEUS, 12 Leading Varieties, R.C.	4.00	35.00
2¼"	12.50	
CUPHEA, Cigar Plant, R.C.	5.00	
2¼"	12.50	
DAISIES, Nicholson White & Boston Yellow, R.C.	6.50	
2¼"	13.75	
Pink Champagne, R.C.	7.50	
2¼"	15.00	
DRACAENA INDIVISA, (3" @ 19.00 per 100) Seedlings		25.00
2¼"	12.50	
DUSTY MILLER, Fern Leaf, R.C.	6.50	
2¼"	12.50	
FUCHSIA, Standards: American Beauty, Badgad, Black Prince, Giant Pink, Hollydale & Churchill, R.C.	7.00	65.00
2¼"	13.75	125.00
Little Beauty, R.C.	7.50	
2¼"	13.75	125.00
Trailing: Brigadoon, Dark Eyes, Lena, Jack Shahan, Magellanica. MME. Connie Ison, Sleighbells, Southgate, Swingtime, Victor Reifer, and Whitemost, Lavender, White, & Yellow, R.C.	7.00	60.00
2¼"	13.75	125.00
GERANIUMS, Imp. Ricard, Imp. Poitevine, Irvington Beauty, and White Buchner, 2¼"	15.00	137.50
HELIOTROPE, Royal Fragrance, R.C.	5.00	
2¼"	12.50	
IMPATIENS SULTANA, White, Red, Salmon, Dwf. Rose, and Variegated leaf with Red Flowers, R.C.	6.50	
2¼"	13.75	
IVY, Polar or German, R.C.	5.00	
2¼"	12.50	
IVY GERANIUMS, Chas. Turner, Jos. Warren, Leopard, Lilac, White and Willy, 2¼"	16.50	150.00
LANTANA, M. Schmidt, Sensation, Radiation, Golden King, and Tethy's, White, R.C.	6.50	56.50
2¼"	13.75	125.00
TRAILING: Lavender, White, and Yellow, R.C.	6.50	
2¼"	13.75	
PELARGONIUMS, All My Love, Azalea, Burgandy, Congo, Orange Sal., Mrs. F. Batchler, Grand Opera, Grossmon Fisher, P. M. Menzies, Red Velvet, Mary Bard, So. America, Marie Vogel, Zula King, & Fire Dancer, 2¼"	17.50	162.50
VINCA VARIEGATA, R.C.	6.50	
2¼"	12.50	

500 of a variety at 1,000 rate

SOURCE 4—F.O.B. EASTERN OHIO

	Per 100	Per 1000
ACHYRANTHES—Red, R.C.	$ 5.00	$ 45.00
AGERATUM—Devon Blue, Blue Mound, Riverside, Masterpiece, Pink, White, R.C.	3.50	30.00
COLEUS—15 Varieties, mixed, R.C.	4.50	40.00
DAISY—Boston Yellow, R.C.	8.00	75.00
Pink, R.C.	8.00	75.00
DRACAENA-INDIVISA, 2¼"	12.00	
3"	25.00	
DUSTY MILLER—Fern Leaved, R.C.	5.00	45.00
FUCHSIAS—Little Beauty, R.C.	8.00	75.00
Winston Churchill, White Churchill Pride of Orion, R.C.	7.00	65.00
TRAILING—Purple, White, Red, Pink, R.C.	8.00	75.00
IMPATIENS—Pink, Salmon, Red, White, R.C.	5.00	45.00
LANTANAS—Caprice, Golden King, Lady Olivia, Lavender Weeping, Radiation, Michael Schmidt, Southern 2¼"	12.00	110.00
***Gilbert's Surprise,** very dwarf, bronze to Lt. pink. 2¼"	15.00	
*Minimum order—100 plants		
VINCA—Variegata, R.C.	4.50	40.00
2¼", 2 pp pot	12.00	110.00
Clumps	22.00	

500 of a variety at 1000 rate

SOURCE 6—F.O.B. ILLINOIS

	Per 100	Per 1000
AGERATUMS—Imp Riverside, Pure White, New Masterpiece, New Pink, R.C.	$ 3.50	$ 30.00
BEGONIAS—Red Pearl, Indian Maid, Carmen, White, Pink Pearl, Scandinavia Red and Pink, Hybrid Tausendschoen Red and Pink, 2¼"	12.50	120.00
COLEUS—Speckles, Imp Butterfly, Gold Bound, Nancy Lee, Hollywood, Lois, Variegated, Red Queen Assorted, R.C.	4.00	35.00
Named Varieties, R.C.	4.00	37.50
2¼"	8.00	75.00
DUSTY MILLER, R.C.	5.00	45.00
IMPATIENS SULTANA—Dwarf varieties, Red, Rose, Pink, White, R.C.	4.50	42.50
IVIES—Hahn's, Merion Beauty, Star Ivy, R.C.	4.00	35.00
Maple Queen, Ripple, Gold Dust, Buckley Imp. Glacier, Rochester, Ideal, R.C.	5.00	45.00
Hahn's, 2¼"	12.50	120.00
LANTANAS—Radiation, Lady Olivia, Pink Caprice, Golden Plume and White, R.C.	4.50	40.00
2¼"	11.00	100.00
3"	18.00	175.00
PETUNIAS DOUBLE—Rosalia, World Beauty, White, R.C.	6.00	55.00
2¼"	10.00	90.00
VERBENAS—True Beauty of Oxford, Mayflower Pink, Pride, Royal Purple, Scarlet King, Lavender Glory, White, Candystick, R.C.	4.00	35.00
VINCA VINES—Assorted, R.C.	4.50	40.00
2¼", 2 pp, Bushy	12.50	110.00

500 of a variety at 1000 rate

SOURCE 9—F.O.B. INDIANA

	Per 100	Per 1000
ACHYRANTHES—Burgundy, Green and Yellow variegated, Brilliancy, R.C.	$ 5.00	$ 47.50
2¼"	12.00	115.00
AGERATUM—Imp. Dwarf Riverside, Devon Blue, Dwarf Pink, Dwarf White, R.C.	4.00	37.50
2¼"	12.00	115.00
ARTILLERY PLANT—Upright form. R.C.	4.50	42.50
2¼"	12.00	115.00
ASPARAGUS—Sprengeri 2 pp. pot, 2"	13.00	130.00
2¼", 3 pp	15.00	150.00
Plumosus, 2¼", 2 pp	15.00	150.00
BEGONIAS—Pink Chatelaine Supreme, R.C.	6.00	57.50
2¼"	15.00	147.50
BROWALLIA SPECIOSA MAJOR BLUE, White, R.C.	5.00	47.50
2¼"	15.00	147.50
COLEUS—Butterfly, Brilliancy, Christman Gem, Hollywood Red, Gold Bound, Beckwith Gem, Golden Bedder, R.C.	5.00	47.50
2¼"	15.00	147.50
Mixed, R.C.	4.75	45.00
2¼"	12.00	117.50
CUPHEA—Cigar Plant, R.C.	4.50	42.50
2¼"	12.00	117.50
DRACENA—INDIVISA, 2"	13.00	130.00
Peat Pot, 2¼"	15.00	150.00
3"	25.00	
3" Ex. Heavy	30.00	
DUSTY MILLER—Upright form, fern leafed, R.C.	5.00	47.50
2¼"	15.00	147.50
FUCHSIAS—Black Prince, Lord Byron, Rosian Patria, Winston Churchill, Hollydale, Pride of Orion, White Winston Churchill, Mrs. Marshall, R.C.	7.00	67.50
2¼"	14.00	137.50
Dollar Princess, Little Beauty, R.C.	8.50	82.50
2¼"	15.00	147.50
Trailing, Assorted Colors only, 6 varieties, R.C.	8.50	82.50
El Camico, R.C.	8.50	82.50
2¼"	15.00	147.50
GYNURA—Velvet Plant, R.C.	10.00	97.50
2¼"	18.00	178.50
IMPATIENS SULTANI—Reds, Pinks, Salmons, Purple, White, R.C.	5.00	47.50
2¼"	14.00	137.50
Mixture of above, R.C.	4.75	45.00
2¼"	12.00	117.50
Dwarf Blaze, R.C.	6.50	62.50
2¼"	15.00	147.50
LANTANAS—Michael Schmidt, Delicatissima, Caprice, Lady Olivis, Golden King, Sensation, White, Dwarf Bronze, Radiation, New Red, R.C.	5.00	47.50
2¼"	14.00	137.50
Mixture of above, R.C.	4.75	45.00
2¼"	12.00	117.50
PELARGONIUMS—(10 best kinds mixed), R.C.	12.00	117.50
2¼"	18.00	178.50
VINCA—Variegated, R.C.	5.00	47.50
2"	12.00	117.50
Heavy Plants—2-3 shoots, 2"	14.00	137.50
Heavy Plants—3-5 shoots, 3"	25.00	247.50
Rooted Field Tips, October only	6.00	57.50
Field Clumps, October only	30.00	

500 of a variety at 1000 rate

SOURCE 8—F.O.B. ILLINOIS

	Per 100	Per 1000
AGERATUMS—Imp. Riverside dwarf, Masterpiece, Pink Beauty, Pure White, R.C.	$ 3.50	$ 30.00
2¼"	8.00	75.00
BROWALLIA Speciosa Major White R.C.	6.50	60.00
2¼"	12.50	120.00
COLEUS—Bright Mixed Colors, R.C.	4.50	40.00
2¼"	9.00	85.00
DAISIES—Imp. Boston Yellow, Nicholson's White, R.C.	7.50	70.00
2¼"	12.50	120.00
DUSTY MILLER—Fern-Leaved, R.C.	5.00	45.00
2¼"	11.00	100.00
FUCHSIAS—Hollydale, Winston Churchill, Black Prince, Irwins Pink, Mrs. Marshall, R.C.	7.00	65.00
2¼"	12.00	115.00
Little Beauty, Dollar Prince, R.C.	8.00	75.00
2¼"	14.00	135.00
Hanging Basket, Scarlet, Rose, Pink, Lavender, R.C.	8.50	80.00
2¼"	15.00	140.00
IMPATIENS—Pure White, Scarlet Red, dwarf Orange, Rose, Salmon Pink, R.C.	5.50	50.00
2¼"	11.00	100.00
Tangerine	10.00	90.00
GERANIUMS—Irene, Dk. Red. Irene, Penny, Springtime, Enchantress Fiat. White, 2¼"	16.00	150.00
R.C.	11.00	100.00
LANTANAS—Radiation, Caprice, Pure White, Pure Yellow, Tethys cream Yellow, Weeping Lavender R.C.	5.00	45.00
2¼"	12.50	110.00
VERBENAS—Candystick, BEAUTY OF OXFORD, Cerise, Pink, Scarlet, Lavender, Schlossers Pride, Mayflower, Royal Purple, White, R.C.	4.00	35.00
VINCA VINES—Very Highly Colored, R.C.	5.00	45.00
(2 cuttings to pot) 2¼"	12.50	110.00

500 of a variety at 1,000 rate

PACHYSANDRA TERMINALIS 2¼" Peat Pots

SOURCE 11—F.O.B. MINNESOTA

Hybrid Clematis

2 Year Old—Out of 3" Pots on 18 Inch Stakes
(Minimum Order—1 Case of 50—10 of o variety.)

Varieties:	10	100
PURPLE JACKMANI. Well known heavy blooming purple	$.65	$.62½
Etoile Violetta. Masses of miniature Jackmani purple violet with yellow stamens. Very attractive and free flowering	.65	.62½
President. Deep purple	.65	.62½
RED Ernest Markham. Bright red, very free flowering	.65	.62½

SOURCE 11—Continued

	10	100
PINK COMTESSE de BOUCHARD. With reflex petals, medium size.	$0.65	$0.62½
Hagley Hybrid A new true pink Clematis. Exquisite deep shell pink with brown stamens. Very free flowering	.65	.62½

Shipped out of pots with soil ball wrapped in foil and unit wrapped in newspaper sleeve. Weight about 33 Pounds per 100 plants.

SOURCE 10—F.O.B. INDIANA

Clematis

1 year pot wrapped

	Per 10 Ea.	Per 100 Ea.
COMPTESSE DE BOUCHARD. Pink, 4-5" 1 yr.	$ 0.55	$ 0.50
CRIMSON STAR. Bright red, 6-7" 1 yr.	.65	.60
DUCHESS DE EDINBURG. Dble. White. 1 yr.	.65	.60
ELSA SPAETH. Bright Blue, 6-8" 1 yr.	.55	.50
ERNEST MARKHAM. Cerise red, 5-7" 1 yr.	.55	.50
ETOILE VIOLETTE 1 yr.	.60	.55
HENRYI. Lustrous white, 6-7" 1 yr.	.65	.60
HULDINE. Lavender/white, 4-5" 1 yr.	.55	.50
JACKMANNI. Velvet purple, 5-6" 1 yr.	.55	.50
LADY BETTY BALFOUR. Violet purple. 1 yr.	.60	.55
LANUGINOSA CANDIDA. Lge popular white. 1 yr.	.60	.55
MISS BATEMAN. White, 1 yr.	.55	.50
MME LE COULTRE. White, 6-8" 1 yr.	.60	.55
MME BARON VEILLARD. Lilac-rose, 5-6" 1 yr.	.55	.50
MME EDOUARD ANDRE. Red w/purplish cast, 5-6" 1 yr.	.55	.50
MONTANA RUBENS. Rosey red, 1-2" 1 yr.	.55	.50
MRS. CHOLMONDELEY. Lavender blue, 6-8" 1 yr.	.55	.50
MRS. GEO. JACKMAN. Full satiny white. 1 yr.	.60	.55
MRS. P. B. TRUAX. Deep Lavender-blue, 5-7" 1 yr.	.55	.50
NELLY MOSER. Pale mauve, 5-7" 1 yr.	.60	.55
PINK CHIFFON. Deep shell pink. 1 yr.	.65	.60
THE PRESIDENT. Deep dull violet, 6-8" 1 yr.	.65	.60
ROYAL VELOURS. Deep purple. 1 yr.	.70	.65
VILLE DE LYON. Carmine-red, 5-7" 1 yr.	.60	.55

10 PLANTS MIN. PER VARIETY—25 PLANTS @ 100 RATE
50 PLANTS MINIMUM TOTAL ORDER

Ground Covers (2¼" peat pots)

	Per 100	Per 1000
AJUGA Metallica Crispa, red leaved	$14.00	$125.00
AJUGA Silver Beauty, variegated	16.00	150.00
EUONYMUS For tunei Coloratus, purple-leaf	14.00	125.00
HEDERA HELIX Thorndale selected strain hardy ivy.	14.00	125.00
Wilsonii selected strain hardy ivy	14.00	125.00
PACHYSANDRA Terminalis Japanese Spurge	14.00	125.00
Silver Edged Var. Spurge	15.00	
SEDUM. Spathulifollum "Cappa Blanca", short, blue-green foliage, yellow flowers	15.00	135.00
Spurium "Dragon's Blood", short, rosy-red flowers	15.00	135.00
VINCA MINOR Regular strain, periwinkle or myrtle.	14.00	125.00
Bowles, Imp. variety	16.00	145.00

25 PLANTS @ 100 RATE—300 PLANTS @ 1000 RATE

Gypsophila Babys Breath

	Per 100	Per 1000
BRISTOL FAIRY 2¼" Peat Pot	$20.00	$187.50
Field grown plants (Minimum 50 plants)	35.00	315.00

50 of o variety @ 100 rote—300 or more @ 1,000 rate
Minimum order on 2¼"—50 plants

GLOXINIA PLANTS—FOB FLORIDA

FORMULA MIXTURE: This is a well balanced mixture of the best commercial types made up from separate colors. Formula varies slightly with the season, as some varieties are better at one season than at others.

Mixture is approximately as follows:

60% Solid Red Types
10% Solid Blue-Purple Types
15% Red and White Combinations
10% Purple and White Combinations
5% Solid White

These varieties will mature in 90 to 120 days depending on climate. These seedlings are not to be compared to the common 5 petal varieties such as those from Belgium sources. All strains have flowers of 6 to 8 petals.

INDIVIDUAL COLORS

IMPROVED RED VELVET: Our finest red. Very strong producer of large ruffled cardinal red flowers. Well grown plants of this variety regularly produce 50 to 75 bloom in 5" or 6" pots.

ROYAL VELVET: Very heavy producer of velvety deep purple flowers. Strong growth habit.

NEW CHERRY BELLE: An improved strain that produces up to 100 blooms per plant. Deep cherry red flowers with border. Very showy and large plants.

PINK PEARL: A new strain with soft rose-red petals around a radiating white center. Produced by inbreeding our older but dependable red and white velvet.

SNOW BIRD: Gigantic pure white flowers of extreme beauty. Strong growing plants with beautiful foliage. Long lasting flowers that open under adverse conditions.

PURPLE CLOUD: Choice plants full of rich purple bloom that have a white center radiating out into the petals to make a pleasing effect.

IMPROVED COLOSSAL HYBRIDS: Super size flowers varying in color from soft rosy pink to red or wine color on beautiful soft foilage—fast maturing plants that hold their blossoms high and erect.

PURPLE BELLE: Deep purple flowers with good white border. A **new strain** not at all like the old Emperor Wilhelm. Heavy plants with lots of buds.

Shipped in 2" Bands—50 to the Carton
(Minimum Order—50)

$20.00 per 100 $180.00 per 1000 (250 billed at 1000 rate)

Winter packing—50c extra per case of 50.
*10% additional quantity discount on orders placed at one time for 5,000 or more plants to be shipped over a period not to exceed one (1) year.

DOUBLE GLOXINIAS

Double Red Velvet **Dauble Cherry Belle**
Double Royal Velvet **Double Purple Belle**

50 per cartan
$25.00 per 100—250 ar mare $23.00 per 100
Double percentage will be slightly higher than 50%

Glamorous All-Double Gloxinias

F.O.B. MINNEAPOLIS

The newest and only Gloxinia, to offer to your customers, which will reward you with extra profits proved in past sales. Choice 3" plants produced from vegetated cuttings, not seedlings. Ready to shift to 5½" or 6" pots. Will produce a large, superb Gloxinia plant with all-double flowers in approximately three months. Completely flexible leaved. Ideal for year around scheduling.

COLORS: Red, Red & White, Purple, Blue & White, ond White.

PACKED: 48 to Carton—Price $24.00 Per Cartan.
Orders placed 10 weeks in advance of shipping date and volume of following during any 52-week period will receive following discounts off current amount shipped as discounts become available.

2000 to 5000.....2% 7000 to 10,000..... 7%
5000 to 7000.....5% 10,000 & Over.....10%

HARDY PERENNIALS

Minimum—25 of one variety. 25 or more of one variety at the 100 rate. Packing at cost. Due to cost of handling we cannot accept orders of perennials totaling less than $15.00.

	Per 100
AJUGA Reptons. June. Blue flowers. 6-8	$17.50
Rubro. Purple flowers, red bronze foliage	17.50
ANCHUSA (Barraqinoceoe). May	
Itolica Dropmore. 4-5 ft.	15.00
Myosotidiflora. Blue. 1 ft.	20.00
ANEMONE JAPONICA (Wind Flower)	
Albo. Single white	25.00
Rubra. Bright red	25.00
Whirlwind. Double white	25.00
AQUILEGIA (Columbine). May-June	
Crimson Star	17.50
Long Spurred Blue. 2½-3 ft.	15.00
McKano Hybrids. Very large flowers in beautiful range of rich colors, long spurs. 3 ft.	17.50
Mrs. Scott Elliott Hybrids. Very long spurred. Mixed colors. 3 ft.	17.50
ARMERIA Loucheono. Attractive mound of narrow foliage topped by bright pink flower heads that look like miniature popcorn balls	17.50
CARNATION GRENADIN Cordinol. Bright Scarlet. 20 inch	12.00
Golden Sun. Golden Yellow. 20 inch	12.00
Innocence. Pure white. 18 inch	12.00
King of the Blacks. Dark Velvety maroon. 20 inch	12.00
Rose Queen. A fine pink. 20 inch	12.00
CHRYSANTHEMUM MAXIMUM (Shasta Daisy). All Summer.	
Alaska. Large white. 2 ft.	12.00
Double Fringed Giant. Outstanding new variety. Pure white immense flowers. A mixture of semi-double to double. Beautifully frilly. Tall sturdy stems	17.50
DELPHINIUM Belladonna. Sky blue. 2-2½ ft.	15.00
Bellamosa. Deep blue. 2-2½ ft.	15.00
Blackmore and Langdon. Fine strain of Hybrid. 4-5 ft.	15.00
Giant Pacific Hybrids. The aristocrats of the outdoor garden and so valuable for cut flowers. Immense single and double flowers on giant spikes 5-7 ft. All summer.	
Round Table. A superb mixture of the finest shades	22.50
DIANTHUS Winteri. Its large dollar-size single flowers are borne in great abundance in the most delightful pure colors and each flower has a beautiful carmine ring in the center. 12-18 inches	15.00
Tiny Rubies. Miniature Carnation. Rose pink flowers on 4-5 inch stems. Green mound. June	20.00
DICENTRA (Bleeding Heart) Exima. Pink flowers. 15-inch	17.50
Spectobillis. True old-fashioned variety. Pink. 18-24 inch. June. 3-5 eyes	35.00
ERICA CARNEA (Heaths). Low spreading evergreen shrub for year around beauty.	
Sherwood Copper. Carmine red blooms, late winter and spring. 2 yr. 4-6 inch	35.00

	Per 100
GAILLARDIA Grondifloro Mondorin. Extra large deep coppery red grown from cuttings	$15.00
GYPSOPHILA	
Bristol Fairy. True double. White 2 ft. All summer	40.00
Pacifica. Clear pink. Fine for cutting. 3 ft. August-September	15.00
Pink Foiry. Double pink	30.00
HEUCHERA	
Brezoides. Profuse bloomer. Pink. 1½-2 ft. All summer	20.00
HIBISCUS New Giant Mix. Beautiful strain of giant Mallow, mixed colors. 5 ft. July-August	15.00
IBERIS (Candytuft) Purity. White	17.50
Sempervirens. White. 8 inch. May	15.00
INCARVILLEA Grondifloro. (Hardy Gloxinia). Fuschsia purple	15.00
LAVANDULA VERA (True Sweet Lovender) Beautiful silvery blue-gray foliage year-round forming an attractive bush 12-18 inches high. Lavender blue flower spikes blooming July to September. The entire plant is wonderfully fragrant and the dried blooms are used in lavender bags	17.50
LIATRIS Kobolt Blue. Finest Liatris and deepest color. New variety with bright, mauve pink flower spikes. Low growing. Very abundant sturdy and full flowered spikes. Earliest to flower. July-August	17.50
Spicata. Purple blue flower spikes	15.00
LUPINUS Russell Hybrids. Dazzling spikes solid with flowers in a rich assortment of blue, white, pink and rose colors. 3-4 ft. May-July	15.00
LYTHRUM Morden's Pink. A beautiful borderplant with rosy-pink flower-spikes on straight stems 3 ft. high, from July until September	20.00
MONARDA Cambridge Scarlet	15.00
Gronite Pink. Lovely clear pink that does not fade or discolor. 2 ft., July-August	15.00
PACHISTIMA Canbyi. Low growing evergreen with holly-like foliage. Clumps 4-6 inch	25.00
PACHYSANDRA Terminolis. Evergreen ground cover, Transplants. 2 yr.	10.00
PENTSTEMON (Beords Tongue). July-Aug.	
Cyononthus. Blue	17.50
PHLOX DECUSSATA	
Boulvordier. (New sensation by Symons-Jeune). Large florets of rose-violet with darker eye. Very tall with extra large well-formed trusses	20.00
Brigadier. Large carmine red	17.50
B. Symone Jeune. Outstanding new variety. Enormous heads of clear pink with sparkling crimson eyes	20.00
Coroline Vanderberg. A true lavender-blue. 2½-3 ft. Midsummer	16.00
Chorles Curtis. Very large flowers of intense red. Does not fade in sun or rain	20.00
Dode Honbury Forbes. (New variety by S. Jeune). Outstanding clear pink	20.00
Dresden Chino. (Symons-Jeune introduction). Large exquisite shell-pink florets. Tall-free-flowering and strong grower. Late	17.50

	Per 100
Everest. (New variety by Symons-Jeune). Purest white with pink eye	$25.00
Foiry's Petticoat. (New variety by Symons-Jeune). A lovely delicate shade of light pink with a deeper pink eye. A sturdy and vigorous grower. 3 ft.	20.00
Orange. (New from Holland). Exceptionally good. Fine orange heads. 2 ft.	25.00
Pastorole. Large warm pink	20.00
Sir John Falstaff. A giant rich salmon-pink Phlox, easy to grow and an outstanding variety	17.50
Storfire. Magnificent new red	20.00
Thunderbolt. New dazzling brilliant red. Large heads	17.50
White Admiral. Enormous heads of white flowers. Fragrant prolific blooms. 2-2½ ft. July-August	16.00
PHLOX SUBULATA. (Creeping Phlox-Moss or Mountoin Pink). Solid carpet of bright little flowers in early spring. Pretty moss-like evergreen foliage. Grows best in sun. Popular for ground cover, borders, walls and rock gardens.	
Atropurpurea. Deep carmine red	20.00
Blue Emerald. Attractive, light blue flowers in spring and fall. Compact growing habit	20.00
Emerald Pink. Long flowering pink. Compact foliage	20.00
Red Wing. Giant sized florets. Deep crimson	20.00
White Delight. The purest and largest white. Bright green foliage	20.00
PRIMULA (Hordy Primrose). 6-8 inch. April-May.	
Polyantha. Lovely mixture of yellows, reds and rose	17.50
Veris. A beautiful strain of all shades	17.50
PYRETHRUM Robinson's Dork Crimson. Large. Crimson Red	17.50
Robinson Stroin. Finest strain of Painted Daisy. Mixed colors. 1½-2 ft.	15.00
SALVIA Nemeroso Superbo. Purple	20.00
SEDUM Spectabilis Brilliant. Crimson. 10 inch. August	15.00
Acre. Yellow	15.00
Purple Beauty. (Dragon Blood)	20.00
SPIREA Fanal. Brilliant carmine red. 22″	40.00
Queen Alexandria. Deep rose. 22″	30.00
Gladstone. Pure white. 24″	30.00
Rhinelond. Pink	30.00
STOKESIA Blue Moon. Light blue large disc-like cut flowers	20.00
TEUCRIUM Chamaedrys. Glossy foliage resembling dwarf Boxwood, pink flowers	20.00
TRITOMA (Red Hot Poker or Flome Flower)	
Pfitzeri. Orange-scarlet. 2½-3 ft. Aug.-Oct.	20.00
Primrose Beauty. Yellow	20.00
White Giant. 3 ft.	20.00
VALERIANA COCCINEA. Soft pink to purplish-red flowers from June til Oct. 18-24 inches high. Fine blue-green foliage. An excellent border plant	15.00
VERONICA Blue Champion. Deep indigo blue flowers on tall spikes 24 inches high. Striking	20.00
Minuet. Light pink flower spikes on silvery gray foliage. Most lovely. Blooms in July and August. 15 inches high	15.00
Sapphire. Indigo blue	17.50
VINCA MINOR. Bowles variety. Imp. variety. Larger deep blue flowers	20.00

TWO NEW "MONEY-MAKER" CONTAINERS FOR YOU!

No. 1 THE "3-FOR"

The newest idea in a bedding plant container. Increase your sales on Geraniums, Garden Mums, Begonias, Double Petunias, Coleus and other small plants. Sell them "3-FOR" a buck. Plants in a garden look better in groups of three. So sell your customer three, not just one or two. You'll increase your sales and have more satisfied customers.

The container measures 3¼x9¼ x2¾. Each cube is approximately 2x2. Plastic dividers slip easily into place.

Prices

		1-9 cs.	10-24 cs.	25 cs. up	Wt.
Packed	per 1000	**66.00**	**61.00**	**56.00**	
500 Per Case	per case	**33.00**	**30.50**	**28.00**	20 lbs.

All Prices Prepaid. Add 2.00 per 1000 for delivery west of Continental Divide.

No. 2 FORM-A-CUBE

Individual plants are being bought by more customers each year. They like the convenience plus which they know their garden will come into full bloom sooner.

Vaughan's Form-A-Cube tray and dividers give your customers this "Instant Glamour" gardening at a lower cost to you. Plant cubes respond instantly. Plants hardly know they have been moved. The soil volume is almost twice that of other divided paks using strips. More soil means less watering, better plants, and a more satisfied customer. Why pay more to accomplish less. Use Vaughan's Form-A-Cube trays.

The tray measures 13x4¾x2¾. Each individual cube measures 2x2x2. The dividers slip into place easily. Valleys in the bottom of the tray allow community watering. No need to see that each individual plant gets water.

In addition, You the grower can sell a dozen potted plants, yet grow them like any other pak. You'll get more dollars per square foot of growing area.

Sold in Case Lots Only

The Form-A-Cube idea was developed by a leading Eastern University. We are indebted to them for this new development in Bedding Plant Containers.

Prices

		Per 1000	Per Case
Packed	1-9 Ctns.	**$135.00**	**$67.50**
500 Per Case	10-24 Ctns.	**128.00**	**64.00**
Wt. 36 lbs.	25 Ctns Up	**120.00**	**60.00**

Prepaid in any quantity. Add 2.50 per 1000 for delivery West of Continental Divide.

PLANCO VAL-PEAT POTS

Truly the best

Since Val-Peat pots were first introduced, the quality has constantly improved. Today, they are truly America's best peat pots. We invite you to compare Val-Peat Pots with any other peat pots and you will agree, they are the best.

COMPARE!

WHY PLANCO VAL-PEAT POTS EXCEL:

1. **Only pure sphagnum peat and high quality wood cellulose are used to make Val-Peat Pots.**
2. **Fertilizer content is the same, case after case, after case.**
3. **Quality Control during manufacturing is checked constantly.**
4. **Finest root penetration.**
5. **Made in America with finest equipment.**

COMPARE: and you, too, will switch to Val-Peat Pots—Truly the best.

PLANCO
VAL-PEAT POTS
Truly "the" Best

Florists, Nurserymen and Vegetable Growers all use Planco Val-Peat Pots. More and more growers each year use Val-Peat Pots. They tell us "I like Val-Peat Pots; there are more usable pots per case. Less are damaged during transit. Pots are easier to handle when they are ready to sell or transplant to the field." You can rely on uniform high quality, case after case because they are made in the most modern American factory by skilled workers. Use Planco Val-Peat Pots and confirm for yourself why more growers switched to Val-Peat Pots.

Sold in Case Lots Only

ATTENTION QUANTITY BUYERS. See your Vaughan Salesman or write directly to us. Let us quote you on your requirements.

Size	Packed		Eastern States **Per 1000 Pots** (Per Case)			*Western States **Per 1000 Pots** (Per Case)			Wt. per case
			1-9 cs.	10-24 cs.	25 up	1-9 cs.	10-24 cs.	25 cs. up	
Size: Top INSIDE measurement	Pots per Case								
S-1705A		per 1000	7.60	7.25	6.90	7.98	7.61	7.25	
1¾" Square	3000	per case	(22.80)	(21.75)	(20.70)	(23.94)	(22.83)	(21.75)	35 lbs.
S-1705B		per 1000	7.95	7.60	7.25	8.35	7.98	7.61	
2¼" Round	3000	per case	(23.85)	(22.80)	(21.75)	(25.05)	(23.94)	(22.83)	38 lbs.
S-1705C		per 1000	9.10	8.70	8.30	9.56	9.14	8.72	
2¼" Square	2000	per case	(18.20)	(17.40)	(16.60)	(19.12)	(18.28)	(17.44)	39 lbs.
S-1705D		per 1000	14.00	13.35	12.70	14.70	14.02	13.34	
3" Round	1000	per case	(14.00)	(13.35)	(12.70)	(14.70)	(14.02)	(13.34)	24 lbs.
S-1705E		per 1000	16.90	16.15	15.40	17.75	16.96	16.17	
3" Square	1000	per case	(16.90)	(16.15)	(15.40)	(17.75)	(16.96)	(16.17)	35 lbs.
S-1705F		per 1000	19.30	18.45	17.60	20.27	19.37	18.48	
3¾" Round	750	per case	(14.46)	(13.82)	(13.20)	(15.21)	(14.52)	(13.86)	40 lbs.

Quantity Discounts

Orders of $1500.00—2% Discount from 25 case Price
Orders of $3000.00—3% Discount from 25 case Price
Orders of $4500.00—4% Discount from 25 case Price
Orders of $6000.00—5% Discount from 25 case Price

Various sizes may be obtained to obtain quantity prices.

*Western States include Washington, Oregon, Idaho, California, Utah, Nevada, Arizona, Alaska and Hawaii.

Prices prepaid on all orders weighing 150 lbs. or more in U.S.A. except Hawaii and Alaska.

Combine Peat Pots with Bagasse Pots, Val Paks, Market-Paks, Planco Garden Paks, Glamour Paks and Planco Pot Trays to make 150 lbs.

PLANCO BAGASSE POTS

THE MODERN ORGANIC TRANSPLANTER POTS

WHAT IS A BAGASSE POT

The bagasse pot is made from the residue of manufacturing sugar from sugar cane. Bagasse is the fiber and pith from the cane. The bagasse is processed and divided into two parts—fiber and pith. They are then reunited in proper proportion to make the pots. The fiber holds the pot together and the pith fills in the spaces between the fibers.

WHY A BAGASSE POT

Bagasse fibers are longer and larger in diameter than wood fibers, the binding agent in peat pots. These fibers make a bagasse pot stronger when either wet or dry. Since bagasse is manufactured, the pots are more uniform. Both the fiber and the pith will disintegrate, unlike peat pots. This disintegration allows the plant to develop its entire root system once transplanted into the soil. Disintegration will not take place above ground.

SHOULD I USE BAGASSE POTS

If you want total pot disintegration—YES! Bagasse Pots will hold up about 3-to-4 months above ground. For short term crops, you should use Bagasse Pots. For long term crops, we suggest you use Planco Val-Peat Pots. Planco Bagasse Pots are manufactured under the same high Quality Control procedures as are the Peat Pots. They are made in Louisiana where Sugar Cane is grown extensively. Try Planco Bagasse Pots this year—you will be glad you did.

Planco Bagasse Pots almost totally disintegrates in just one month after transplanting.

Sold in original cases only.

Size	Packed		Eastern States Per 1000 Pots (Per Case)			*Western States Per 1000 Pots (Per Case)			Wt. Per case
			1-9 cs.	10-24 cs.	25 cs. up	1-9 cs.	10-24 cs.	25 cs. up	
S-1782A 1¾" Square	per case 3000	per 1000 per case	**7.60 (22.80)**	**7.25 (21.75)**	**6.90 (20.70)**	**7.98 (23.94)**	**7.61 (22.83)**	**7.25 (21.75)**	35 lbs.
S-1782B 2¼" Round	3000	per 1000 per case	**7.95 (23.85)**	**7.60 (22.80)**	**7.25 (21.75)**	**8.35 (25.05)**	**7.98 (23.94)**	**7.61 (22.83)**	38 lbs.
S-1782C 2¼" Square	2000	per 1000 per case	**9.10 (18.20)**	**8.70 (17.40)**	**8.30 (16.60)**	**9.56 (19.12)**	**9.14 (18.28)**	**8.72 (17.44)**	39 lbs.
S-1782D 3" Round	1000	per 1000 per case	**14.00 (14.00)**	**13.35 (13.35)**	**12.70 (12.70)**	**14.70 (14.70)**	**14.02 (14.02)**	**13.34 (13.34)**	24 lbs.
S-1782E 3" Square	1000	per 1000 per case	**16.90 (16.90)**	**16.15 (16.15)**	**15.40 (15.40)**	**17.75 (17.75)**	**16.96 (16.96)**	**16.17 (16.17)**	35 lbs.
S-1782F 3¾" Round	750	per 1000 per case	**19.30 (14.46)**	**18.45 (13.82)**	**17.60 (13.20)**	**20.27 (15.21)**	**19.37 (14.52)**	**18.48 (13.86)**	40 lbs.

Quantity Discounts and Prepayment Terms are the same as Peat Pots listed on Page 95.

PLANCO—POT TRAYS

THE MODERN PROFITABLE WAY TO SELL PLANTS IN PEAT POTS

Modern selling calls for modern containers. More of your customers each year are willing to pay for better, more mature plants in pots. PLANCO Pot Trays hold either Peat Pots or Bagasse Pots. Using individual pots in trays is more economical. Should you lose one plant, you do not have to throw away the entire pak. Replace one plant and you still have a saleable pak.

Some growers have standardized their growing operation by using these trays both with and without pots. Try some this season. Your customers will be more satisfied with the quality of these individual pot plants in paks.

Sold in Case Lots Only

			PREPAID PRICES							
			1-5 ctns.		6-12 ctns.		13 ctn. up			
Cat. No.	Model	Tray Holds	Per Case	Per 1000	Per Case	Per 1000	Per Case	Per 1000	Trays Per Case	Weight
S-1715A	1723	6—1¾″ Sq.	**19.38**	**38.75**	**17.50**	**35.00**	**15.88**	**31.75**	500	26 lbs.

			PREPAID PRICES							
			1-9 ctns.		10-24 ctns.		25 ctns. up			
			Per Case	Per 1000	Per Case	Per 1000	Per Case	Per 1000		
S-1715B	1734	12—1¾″ Sq.	**16.50**	**66.00**	**15.00**	**60.00**	**13.50**	**54.00**	250	23 lbs.
S-1715C	2223	6—2¼″ Sq.	**13.86**	**55.50**	**12.60**	**50.50**	**11.35**	**45.50**	250	20 lbs.
S-1715D	1726	12—1¾″ Sq.	**16.50**	**66.00**	**15.00**	**60.00**	**13.50**	**54.00**	250	23 lbs.

Add $4.00 per 1000 for delivery west of Continental Divide.

S-1735 VAL-PAC ALUMINUM CONTAINER

FOR GROWERS WHO PREFER ALUMINUM

Size 5⅝x8x2⅜″. Seven ¼″ holes provide adequate drainage. The holes are offset for better drainage. The rolled rim adds strength.

Weight: 40 lbs. per 1000
500 F.O.B. Chicago For $27.50
Prepaid prices per 1000

1,000— 4,000 Prepaid per 1,000	**$54.00**
5,000— 9,000 Prepaid per 1,000	**53.00**
10,000—24,000 Prepaid per 1,000	**52.00**
25,000—49,000 Prepaid per 1,000	**50.00**

PLASTIC GLAMOUR POTS

Vaughan's Glamour Pots are light weight plastic pots. They are ideal for bedding plants. The four inch pot is especially suited for geraniums. The 2″ and 2¼″ come in groups of 12 arranged 3 pots by 4 pots (see picture of 2¼″ size). The 3″ are arranged 2 x 3 to give 6 pots per group. The four inch come 15, arranged 3 pots by 5 pots. All pots are joined only at the corners and come apart easily. **Sold in case lot only.**

Size	Pots Per Case	Prices	1-9 ctns.	10-24 ctns.	25 ctns. Up
2″	2400	per 1000	$ 9.00	$ 8.50	$ 8.00
		per case	21.60	20.40	19.20
2¼″	2400	per 1000	12.25	11.50	10.75
		per case	29.40	27.60	25.80
3″	1200	per 1000	17.50	16.50	15.50
		per case	21.00	19.80	18.60
4″	1200	per 1000	22.00	20.00	18.00
		per case	26.40	24.00	21.60

Note: The "Mikkelsen Pot." The 2″ pot described above is available in a clear plastic. We call this the "Mikkelsen Pot." The clear plastic allows you to see the root development inside the pot. It also makes an excellent shipping pot for the small plant shipper. Prices are the same as for the 2″ pot. All Prices Prepaid. Add $2.00 per 1000 for delivery west of Continental Divide.

PLANCO VARIETY BOXES

PLANCO VARIETY BOXES Help Build Sales

Planco Variety Boxes make ideal containers for Spring combination boxes. They are lightweight, easy to store and attractive. Made of durable, specially-treated box-board—similar to Planco Flats. Just cover with foil, add a bow and you have an attractive, inexpensive container. Ideal for Spring holidays and cemetery work.

NEW LOWER PRICES

Model and Size	Per Case	Prices per 1000 50-450	500-950	1000 & Up	Wt. Per 1000
10x5½x4½	50	**160.00**	**145.00**	**135.00**	750 lbs.
13x5½x4½	50	**175.00**	**160.00**	**150.00**	835 lbs.
15x5½x4½	50	**220.00**	**200.00**	**185.00**	910 lbs.
18x5½x4½	50	**246.00**	**225.00**	**210.00**	1035 lbs.

All prices F.O.B. Downers Grove, Ill.

From any Angle
PLANCO GARDEN PAKS
Are Your Best Buy . . .
Switch Today!

Planco Garden Paks

THE NEWEST IN BEDDING PLANT CONTAINERS

The selling of bedding plants has changed considerably since the idea of carry-home paks was introduced some years ago. The paks themselves have also changed. Now Vaughan's offer you the most modern, best designed and practical bedding plant container available. It is the new PLANCO GARDEN PAK. Check these profit making features:

- **MODERN DESIGN—for greater eye appeal**
- **BOTTOM VENTILATOR—for better moisture control**
- **PROPER DRAINAGE HOLES—lets paks dry out uniformly**
- **BETTER NESTING—saves 30% on storage of empty containers**
- **REUSABLE—unsold plants can be knocked out and containers stored till next season**
- **PROPER COLOR—color compliments the plants themselves**
- **Most popular sizes**

COMPARE THESE PRICES

Cat. No.	Model	Size	Packed	Price per 1,000				Weight per Case
				200-800	1,000-9,800	10,000-49,800	50,000-Up	
S1742A	110	5½x7½x2⅝	**200**	**$42.00**	**$40.00**	**$38.00**	**$35.00**	22 lbs.
S1742B	160	6 x10 x2⅝	**200**	**65.00**	**61.00**	**57.00**	**53.00**	39 lbs.

Sizes may be combined for minimum price. Orders for 150 lbs. or more ship Pre-Paid Except in Utah, Washington, Oregon, California, Arizona, Nevada, Idaho, Hawaii, and Alaska. Combine, Market-Paks, Val-Peat Pots and Val-Peat Pot Trays to make 150 lbs.

GLAMOUR PAKS

THE FINEST IN PLASTIC PAKS

WHY ARE GLAMOUR PAKS THE FINEST?

1. **Better material. Only virgin material is used in Glamour Paks. The plastic has not been reground. Virgin material is more flexible and resists cracking.**
2. **Better Design. Handles easier and is more pleasing to the eye.**
3. **Exceptionally practical—Designed by a florist for florists. 3 years of testing and use proved their ruggedness.**
4. **Better molding. Hold a Glamour Pak up to the light and you will see a uniform color throughout. There are no weak or thin spots.**
5. **Beautifully colored—a light pleasing green, a color to complement your plants, and make them look richer.**
6. **More marketable—Trim, attractive, modern Glamour Paks have immeasurably greater sales appeal.**

COMPARE AND YOU WILL USE GLAMOUR PAKS—TRULY THE FINEST

MODEL 57TS6

6 Paks fastened together giving overall dimension of 13¼x16x2½. Individual Pak 5⅓x6⅝x2½. Fits Standard Grape or Tomato Lug.

MODEL 78TL4

4 Paks fastened together giving overall dimensions of 13¼x16x2½. Individual Pak 6⅝x8x2½. Fits Standard Grape or Tomato Lug.

ROOTING HORMONES

S-648 ROOTONE with Fungicide stimulates the natural tendency lor roots to form on slips or cuttings. Rooting takes place in a much shorter time, heavier root systems are formed and fewer cuttings die lrom disease. Newly added lungicide controls damping-off and other soil-borne diseases. Price, ¼-oz. pkt., 35c; display carton of 24, $5.04; 2-oz. jar, enough to treat 3,000 cuttings, $1.25; doz., $9.00; 1-lb. jar will treat up to 30,000 cuttings, $5.00. Three for $12.75, plus postage.

S-647 ROOTONE No. 10. For slow to root evergreen cuttings, 2 oz., each $2.25; 1 lb., each $10.00.

S-649 TRANSPLANTONE. For treatment of transplants of all kinds. It contains the root lorming hormones, vitamin B-1 and other members ol the vitamin B complex which are important in plant growth. ½-oz. pkt., each, 35c; display carton ol 24, $5.04; 3 oz., $1.25; doz., $9.00; 1 lb., $4.00. Three for $10.50, plus postage.

S-643 HORMODIN POWDER. Comhination package. No. 1, 2, 3, in one package for $1.20; doz. packages, $8.64.

S-640 No. 1 Powder, 1¾-oz. tin, each, 80c; lb., $4.80; 3 lor $10.60; 12 or more ea. $2.88.

S-641 No. 2 Powder, 1¾-oz. tin, each, $1.20; 1 lb., $7.00; 3 for $15.80; 12 or more, each, $4.20.

S-642 No. 3 Powder, 1-oz. tin, each, $1.60; ½ lh., $7.00; 3 for $15.80; 12 or more, each, $4.20.

SOIL FUMIGANTS

S-367 DOWFUME MC-2. 98% Methyl Bromide with 2% Chloropicrin added as warning agent. Efficient control ol nematodes, insects and weed seeds. Use 1 lh. per 100 square feet.

1 lh. can.....$ 1.15
Case ol 24/1-lh. cans..... 21.84
5 Cases or more, per case..... 21.00

S-368 DOWFUME APPLICATOR with 20 ft. of tuhing..... 4.50

S-360 VAPAM 4S. Proven highly effective in controlling weeds and weed seed. Also controls nematodes, and soil fungi. **HOSE PROPORTIONER METHOD:** Add 1 qt. Vapam to 3 qts. water in a bucket or other container and apply, using Hozon, to an area ol 100 sq. lt. Continue sprinkling with water until soil is wet as deep as control is desired.

Gallon.....$ 4.75
5-Gallon Drum..... 21.00

S-425 DUPONT GRASSELLI SPREADER STICKER.

Pints.....$1.20
Gallon..... 7.95

S-392 SLUG IT. Liquid Slug Killer. Kills snails and slugs. One gallon treats over 12,000 square ft. Effective lor about 2 weeks. Easy to apply. Gallon, each $12.00.

S-391 SNAROL Meal. For snails and slugs.

	Each		
6 lhs.....	2.30	6 for.....	9.56
50 lhs.....	10.50		

S-390 SNAROL Pellets. Prices and packing, same as ahove.

WONDER-BREL contains Gibrel. The amazing growth stimulant, which makes plants grow to giant size; produces rapid turf growth; hreaks dormancy ol seeds, leal and flower huds; produces dramatic results when applied to plants.

S-540 Professional Concentrates (liquid) No. 4—8 oz. makes 2 gallons. No. 5—1 qt. makes 8 gallons. 8 oz. each $3.00, postpaid, $3.25; 1 qt. each $10.00, postpaid $10.35.

S-670 HERBICIDE. The original weed killer. Destroys grass and weeds on paths, driveways, tennis courts, cohble gutters or any price where weed growth is not wanted. Don't use on lawns. or in garden heds. One gallon will cover app. 2,500 sq. ft. Herbicide is a poison. **F.O.B. Downers Grove, Ill.**

Size	Packed	Wt.	Dealers Cost	Retail
Qt.	12	45 lbs.	**$ 9.20**	$ 1.15
Gal.	4	60 lhs.	**8.00**	3.00
5 Gal.	1	66 lhs.	**8.35**	12.50
30 Gal.	1	405 lhs.	**30.00**	45.00
55 Gal.	1	720 lbs.	**46.75**	68.75

S-666 FOLI-GARD

sure does hold moisture . . .

As an antidesiccant, FOLI-GARD offers sure-fire protection against plant dehydration. And when sprayed on leaves and stems, prevents plants from wilting or dropping their leaves.

Unlike competitive products, FOLI-GARD is known for its lasting freeze-thaw stability. Here's a new antidesiccant that can be shipped or stored in the coldest weather . . . and though it may freeze, it will never spoil.

Give it a try. FOLI-GARD costs less than half as much as competitive products, yet goes twice as far. It's your hest het for year round use.

With a dilution ratio of 5 to 1, FOLI-GARD offers plant coverage that goes a long, long way. Write for complete information. F.O.B. Downers Grove, Ill.

1 gal. drum.....$ 3.75
5 gal. drum..... 17.50

S-665 WILT-PRUF. The amazing new liquid plastic spray for retarding water loss and wilting in plants. For complete protection of your evergreens, fruit trees and flowering shruhs all year 'round. Prevents injuries caused hy windburn, sunburn, sun-scorch and salt spray.

Size	Packed	Wt.	Dealer Cost	Ea.	Retail
Gallons	4	43 lbs.	**27.92**	**7.68**	10.75
5 Gal.	1	55 lbs.	**31.50**	**31.50**	45.00

S-355 CYANOGAS FOOT PUMP. (above) For pumping Cyanogas A-Dust into insect nests, rat hurrows, mole run-ways, and for other burrowing pests. Will last indefinitely if not ahused. Made for heavy duty. Weight, 8 lbs. Price each, $13.75. FOB Chicago.

S-352 CYANOGAS "A" GRADE. For moles, rats, gophers, and other ground rodents. 1 lh., doz., $10.80; 5 lb. can each, $4.75; Via express, collect only.

S-277 SODIUM SELENATE PURE. Use 100 Grams of Sodium Selenate in one gallon of water to make stock solution. Use one quart of stock solution to 100 sq. ft. of hench area. This material cannot he used on vegetahle crops.

4 oz.....$ 4.00
1 lb..... 12.50

CUPRINOL WOOD PRESERVATIVE. The amazing full-strength wood preservative that meets all needs—not just a few. 1 gallon covers approx. 400 sq. lt. It's a water repellent, rot preventive, termite repellent, superior undercoat for paint. Prevents swelling, shrinking and warping. Stops dry rot, wood borers, fungus.

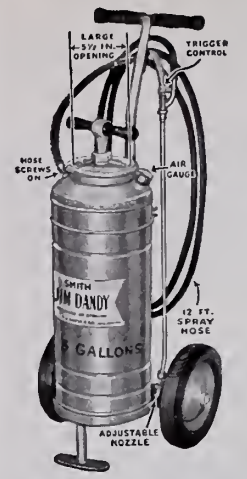
S-242 CUPRINOL FOR FLORISTS No. 14. For use around the greenhouse. It is recommended for dip or cold soak treatments. Also for sterilizing flats or the wood in henches where the posts or sides do not allow proper sterilization ol the wood, and to kill the fungi or nematodes lrom the previous crop.

5-gal. drum.....$11.00
50-gal. drum..... 88.50

S-240 CUPRINOL GREEN FOR WOOD No. 10. Recommended for general use where the green color is desired. It should be used on wood that will he in contact with water, soil, or masonry. Prevents algae in clay pots.

5-gal. drum.....$ 17.50
50-gal. drum..... 140.00

SPRAYERS



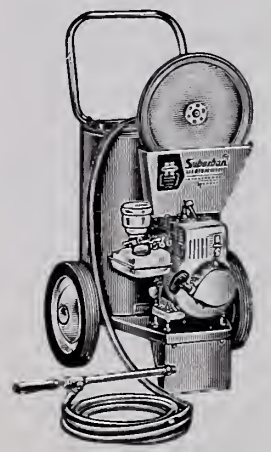
ONE-MAN PRESSURE SPRAYER

S-1226 SMITH JIM DANDY CART SPRAYER. The king of all sprayers. The all around sprayer for lawns, vegetahle crops, trees, shrubs, etc. Also a hand sprayer for factory or indoor use. Easily wheeled around. Equipped with balloon tires and 12 lt. of ⅜ inch high grade spray hose and automatic shut-off nozzle. Galvanized 5 gallon capacity price each, $35.39; via express collect.

CHAMPION KNAPSACK SPRAYER

All purpose sprayer. Tank shaped to fit man's back. Holds 4¼ gals. of fluid. Weight 17 lhs. Adjustable hrass nozzle readily adjusted from a fine spray to 35 ft. stream. F.O.B. Downers Grove, Ill.

S-1234 Model 3-SS. Stainless Steel, each $31.50.



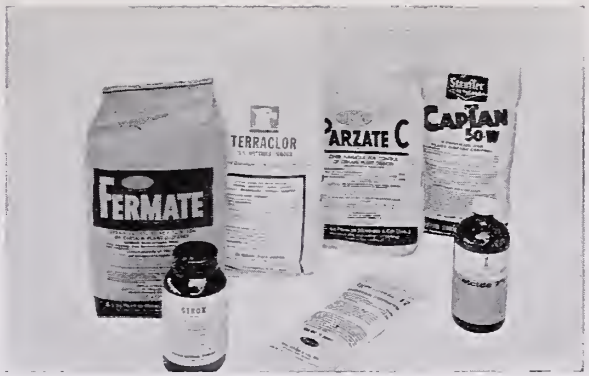
S-12428 HUDSON SUBURBAN POWER SPRAYER. Model 1225. Tank capacity 12½ gallons. Made of heavy gauge galv. steel; welded seams. Complete with 20 ft. of ¾" Kem Oil "250" Spray Proof hose. With adjustahle Power Spray Gun which adjusts from a mist to 35 foot spray. Width overall 21 inches. 2 h.p. 4 cycle air cooled engine. Recoil starter. 150 lbs. pressure. Each $108.46 Weight 90 lhs.

S-1242A Model 1225E ½ h.p. electric motor and 50 ft. ol ruhher-covered cord. 100 lhs. pressure. Wt. lhs. pressure. Weight 96 lbs. Each $121.64.

Note: All chemicals are F.O.B. Chicago and are shipped via Parcel Post, (if possible) or via United Parcel, Truck or Railway Express. We endeavor to ship via the cheapest method. Include Shipping Charges on all orders.

Choose From Our Complete Selection

Vaughan's Seed Company carries a complete line of Insecticides, Fungicides and other chemicals for the Florist, Nurseryman and Vegetable Grower. Watch your local trade publications for announcements of new chemicals as they are available. Look to Vaughan's for all that's new.



Cat. No.	Item	To Control	Crops	Amt. Per 25 Gallons	Size	Price
S-301	**AGRI-MYCIN 17**	Fire Blight, Bacterial Spot & Blight, Wildfire Blue Mold, Soft Rot & Black Leg, Downy Mildew	Fruit, Nut Trees, Tomatoes, Peppers, Celery, Tobacco, Potatoes, Hops	2 oz.	8 oz. pkg. in plastic bag Case (12—8 oz. bags)	**$ 3.00** **25.00**
S-224	**BOTRAN 50% W.P.**	Botrytis Grey Mold, Damping Off	Roses, Hydrangeas, Geraniums, Mums	½ lb.	3 lb.	**6.00**
S-305	**CAPTAN 50W**	Scab, Blotch, Rot, Leaf Spot, Anthracnose, Downy Mildew, Septoria, Black Spot, Botrytis	Fruit Trees, Cucurbites, Tomatoes, Potatoes, Rose, Carrots, Strawberry	½ lb.	5-lb. bag 5—5-lb. bags Case (10—5-lb. bags)	**4.25** **20.00** **37.00**
S-278	**DEXON 70% W.P.**	Rootrot, Phytophythone	Poinsettias, Petunias	3 tbsp.	3-lb.	**18.90**
S-281	**DEXON-TERRACLOR 35-35% WP**	Same as above	Same as above	3 tbsp.	5-lb.	**18.75**
S-309	**ELCIDE 73**	Fusarium, Curvalaria, Stromatinia	Gladiolus	¾ pt.	16-oz. Gallon 5-gal. Drum	**4.00** **18.65** **92.50**
S-312	**FERMATE (FERBAM)**	Black Spot, Leaf Scorch, Petal Blight, Septoria, Rust, Botrytis, Leaf Spot, Damping Off	Roses, Azaleas, Camelias, Carnations, Mums, Cyclamen, Geraniums, Snaps, Tulips	½ lb.	3-lb. bag 6—3-lb. bags Case (12—3-lb. bags)	**2.10** **12.00** **21.60**
S-314	**GEROX**	Fusarium, Damping Off, Black Rot, Stem Rot	Flowers, Ornamentals, Bulbs	75 grams	150 Grams	**7.50**
S-267	**KARATHANE W.D.**	Powdery Mildew, Certain Mites	Fruit Trees, Cane Fruits, Curcurbites	⅛ lb.	3-lb. bags Case (16—3-lb. bags)	**5.35** **75.00**
S-442	**MANZATE (MANEB)**	Black Spot, Early Blight, Leaf Spot, Mildew, Anthracnose, Black Rot	Roses, Tomatoes, Potatoes, other vegetable crops	6 oz.	3-lb. bag	**3.25**
S-389	**MORSODREN**	Damping Off, Fusarium, Curvularia	Flowers, Ornamentals, Vegetables	1 oz.	One Gallon	**15.95**
S-388	**PANO-DRENCH**	Damping Off	Flowers, Ornamentals, Vegetables	½ pt.	1-oz. bottle 4-oz. bottle Pint bottle	**1.95** **5.95** **19.50**
S-318	**PHALTAN (FOLPET) 50% W.P.**	Black Spot, Septoria, Leaf Spots, Blights	Roses, Mums, Citrus, Potatoes	½ lb.	5-lb. bag Case (10—5-lb. bags)	**5.75** **51.75**
S-316	**PARZATE C.W.P. 75% (ZINEB)**	Downy Mildew, Rust, Blue Mold, Blights, Fusarium, Septoria, Anthracnose	Most	½ lb.	3-lb. bag Case (16—3-lb. bags)	**2.85** **33.85**
S-320	**TERRACLOR 75% W.P.**	Botrytis, Blight Stem Rot, Damping Off	Most	¼ lb.	5-lb. bag Case (10—5-lb. bags)	**4.50** **41.50**

Insecticides and Fungicides For All Purposes

The table below is presented as a guide to purchasing material only. Consult the label on the package for specific recommendations.

Cat. No.	Item	To Control	Crops	Amt. Per 2S Gallons	Size	Price
S-250	**ARAMITE 15W**	Red Spider	Most	½ lb.	4-lb. bag Case (12—4-lb. bags)	$ 3.50 37.50
S-515	**ARSENATE OF LEAD**	Chewing Insects	Most	¾ lb.	4-lb. bag Case (12—4-lb. bags)	1.75 14.40
S-940	**BLACK LEAF 40**	Aphids, Sucking Insects	Most	1½ oz.	½-gal. (5 lbs.) Gallon (10 lbs.)	13.95 27.00
S-262	**DDT 50% W.P.**	Chewing Insects, Thrips, White Flies	Most	¼ lb.	4-lb. bag Case (12—4-lb. bags)	1.75 14.40
S-513	**DIMITE**	Mites	Cyclamen, evergreens, Shrubs & Flowers	¼ pt.	8 oz. Quart Gallon	2.00 4.25 12.95
S-274	**DI-SYSTON 10% GRANULAR, SYSTEMIC**	Aphids, Mites Thrips, Leaf Hoppers	Mums, Snaps Carnations, other ornamentals	1 lb. per 150–300 sq. ft.	10-lb. bag Case (6-10 lb. bags)	3.60 21.60
S-356	**DIBROM 8E**	Aphids, Leaf Hoppers, Leaf Miners, Red Spider	Most	½ pt.	Gallon Case (4—1-gal.)	26.40 99.00
S-304	**ENDRIN 1.6-E**	Aphids, Thrips Cyclamen Mite	Most	½ pt.	Gallon Case of 6-1 gallon	9.95 35.00
S-268	**KELTHANE EC. 18.5%**	Mites	Roses & others	4 oz.	Gallon Case of 6-1 gallon cans 5-Gal. drum	9.75 51.00 41.50
S-270	**LINDANE 25% W.P.**	Aphids, Thrip, Spittle Bugs, Symphylids	Most	2 oz.	4-lb. ea. 4—4-lbs.	7.25 25.60
S-512	**MALATHION 50% SPRAY**	Red Spider, Leaf Rollers, Mealy Bugs	Most	¼ pt.	Quart Gallon	4.25 12.00
S-271	**MALATHION 25% W.P.**	Same as above		8 oz.	4-lb. bag Case (12—4-lb. bags)	2.85 28.90
S-363	**META-SYSTOX-R**	Aphids, Mites, White Flies	Most	½ pt.	Gallon Case (6-1 gallon)	23.90 143.40
S-279	**MORESTAN 25% W.P.**	Mites, Mite Eggs	Roses and others	¼ lb.	5-lb. Drum ea.	24.90
S-273	**NICO-FUME LIQUID**	Red Spider, Aphids, Thrip		½ pt.	1 Gal.	19.25
S-275	**PARATHION 15% W.P.**	Red Spider, Aphids, Thrip, Midge	Most	¼ lb.	4-lb. bag 6—4-lb. bags Case (12—4-lb. bags)	2.50 13.95 24.48
S-379	**PENTAC W.P.**	Spotted Mites	Roses	2 oz.	1-lb. can 5-lb. can	13.00 50.00
S-973	**RED ARROW SPRAY**	Aphids, Leaf Hopper White Flies	Roses & Ornamentals House Plants	1 qt.	Pint Gallon	3.00 16.33
S-532	**SCALECIDE A Dormant Spray**	Scale, Mites, Red Spider, Aphids	Fruit & Shade Trees, Ornamentals, Evergreens	3 pt.	Gallon Case (6—1 gallons) 5-gallon can	2.75 11.70 8.10
S-280	**SYSTOX (26.2%) (Systemic)**	Red Spider, Aphids, Mites	Mums, Snaps, Carnations	2 oz.	Gallon Case of 6-1 gallon cans	21.20 120.00
S-284	**TEDION 90% W.P.**	Mites, Red Spider	Most	1 oz.	1-lb. cans	7.20
S-283	**TEDION 25% W.P.**	Same as above		2 oz.	2-lb. bag 12—2-lb. bags	4.20 45.40
S-282	**THIODAN 50% W.P.**	White Fly, Aphids, Mites	Most	2 oz.	5-lb. bags	12.75
S-290	**VAPOTONE-XX SPRAY**	Red Spider, Aphids	Most	1 oz.	Gallon Case (4—1 gal.)	12.00 42.00
S-306	**ZECTRAN 2E (22%)**	Snails, Mites, Aphids, Mealy Bugs, White Fly	Roses and other Ornamentals	½ pt.	½-gal. Case (6—½-gals.)	14.00 56.10
S-307	**ZECTRAN 25WP**	Same as above	Same as above	½ lb.	25 lb. drum	12.00

5-1366 BAMBOO CANE STAKES. Dyed Green. Pencil thickness. We do not split bundles of 250.

	Per 250	Per 1000	Per Bale at 2000
1½ feet	$1.75	$4.75	$8.00
2 feet	2.10	5.75	10.00
2½ feet	2.50	8.25	15.00
3 feet	3.50	11.50	20.00
3½ feet	4.00	13.25	24.00
4 feet	5.00	16.00	28.00
6 ft. green	8.75	30.00	54.50
Natural. 6 ft.	8.50	29.00	53.00

5-1364 SPLIT BAMBOO STAKES. Green-thin but strong. Sold in full bales only.

	Packed 5,000
12 in.	$14.00
15 in.	20.00
18 in.	25.00
24 in.	35.00

5-1380 HEAVY BAMBOO STAKES, NATURAL COLOR: Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen.

Length	Diameter	Per 100	Packed	Price
4 feet	½ to ⅝ inch	$7.00	500 for	**26.25**
5 feet	⅝ to ¾ inch	9.65	250 for	**19.50**
6 feet	⅝ to ¾ inch	12.50	200 for	**20.50**
7 feet	⅝ to ¾ inch	17.25	150 for	**20.85**
8 feet	⅝ to ¾ inch	18.75	100 for	**18.75**

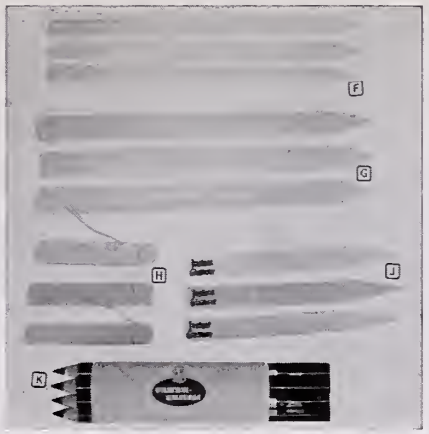
QUANTITY DISCOUNTS

The following discounts will apply on Bamboo Cane Stakes, Split Bamboo Stakes, & Tonkin Stakes.

5 to 9 bales less 5%
10 to 24 bales less 10%
25 and over bales less 15%

TWIST-EMS. Handy utility plant ties, deep green color. The wire running through the center of tape makes them unbreakable. Tape protects stem against injury. For all types of plants. Put up in bundles of 250. For growers and large users of twist-ems.

Cat. No.	Size	Packed		
5-605	4 in.	1000	Per 1000	$ .90
	4 in.	50000	Per 1000	.83
	8 in.	1000	Per 1000	1.60
	8 in.	25000	Per 1000	1.45
	12 in.	1000	Per 1000	2.35
	12 in.	12500	Per 1000	2.23
	16 in.	1000	Per 1000	3.25
	16 in.	10000	Per 1000	2.90



F WOOD POT LABELS. Manufactured from selected Soft White Pine, these wood labels and stakes are individually sawed from the whole board, not stamped from a thin veneer. They will not twist, split or flake off in use. Writing or printing remains legible for the life of the label. Painting lengthens life. Specify pot labels or garden stakes, painted or plain. **5% discount in lots of 10M.** F.O.B. Warehouse.

	5-1400 Packed Carton	5-1401 Per 1000	Per 1000
4-in. x 5/8"	1000	$3.30	$4.15
5-in. x 5/8"	1000	3.60	4.50
6-in. x 5/8"	1000	3.95	4.95
8-in. x 5/8"	500	5.75	7.25
10-in. x 5/8"	500	7.00	8.80
12-in. x 5/8"	500	8.40	10.40

G WOOD GARDEN STAKES. F.O.B. Warehouse.

	5-1402 Packed Carton	5-1403 Plain Per 1000	Painted Per 1000
8-in.—7/8"	250	$8.35	$9.80
10-in.—7/8"	250	9.50	11.10
12-in.—1 1/8"	100	17.50	19.75

H WOOD TREE LABELS COPPER WIRED. FOB Warehouse

	5-1410 Packed Carton	5-1411 Plain 1000	Painted 1000
3½x5/8"	1000	$4.00	$5.00

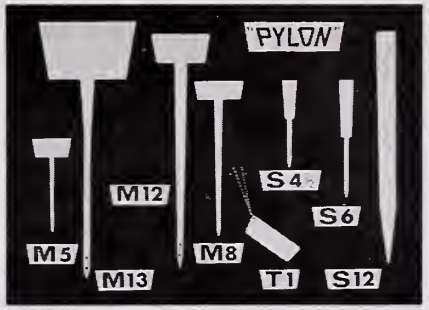
5-1412 PLASTIC TREE LABELS. Copper Wired. 3½ x 5/8", packed 1000 per carton, **$5.00.**

K WEATHER PROOF PENCILS. Black lead. Ideal for marking pot labels, garden stakes, plastic labels or other outdoor work.

Cat. No.	Packed	Wt.	Dealers Cost	Retail
5-577	12	½ lb.	**$ 1.15**	$0.15
	36	½ lb.	**3.10**	.15
	72	1 lb.	**5.85**	
	144	2 lbs.	**10.80**	.15

No order will be charged to open account for an amount less than $5.00. Please send cash with orders for less than $5.00.

Pylon Plastic Marker



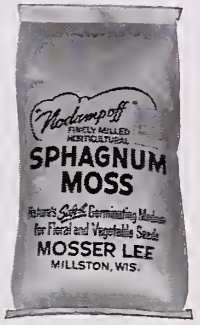
Made of pure white molded plastic that is easily marked with a soft lead pencil. Reuseable, easily cleaned with scouring powder and a damp cloth. Indoors or out —Used by nurserymen, florists and gardeners everywhere for labeling potted plants . . . nursery stock, etc.

PYLON PLASTIC MARKERS.

Cat. No.	Size	Box Packed	Wt.	Cost per Box
5-599A	M-5	250	2 lbs.	$3.50
5-599B	M-8	100	1½ lbs.	2.75
5-599C	M-12	100	2½ lbs.	5.50
5-599D	S-4½	1000	4¼ lbs.	6.00
5-599E	S-6	500	3¼ lbs.	6.25
5-599F	S-12	100	2½ lbs.	3.20
5-599G	T-1	500	4¼ lbs.	6.50
5-599H	M-13	100	5 lbs.	10.00
5-599I	M-35	100	4 lbs.	7.25
5-599J	EX-10	100	2½ lbs.	2.75

Less 10% on 10 Boxes or more of one size.

5-1755 NODAMPOFF SPHAGNUM MOSS. Sphagnum moss is a sterile material containing antibiotic qualities. Fungi and bacteria cannot live in it. By sowing seed in a thin layer of this moss spread over the soil in the pot or flat, damping off is prevented. Cuttings rooted in sphagnum are easily transported and transplanted without disturbing their roots. This moss is horticultural grade, milled ready for use. 10 oz. package, **$1.00;** per carton of 12, **$8.00.** 2 bushel bags each, **$3.25; 3 for $8.70.** FOB Downers Grove, Ill.



SPHAGNUM MOSS

5-1760 SPHAGNUM MOSS in Bales. Bright, clean new growth, free from brush or grass, is being worked out in Wisconsin district. Size of Bale 45 x 14 x 16 inches.

Prices subject to change without notice.

	F.O.B. Downers Grove, Illinois	F.O.B. Wisc.
1 to 5 bales	Each $3.00	
6 to 10 bales	Each, 2.90	10 Bale lots, $2.50
11 to 24 bales	Each, 2.75	25 Bale lots, 2.30

New Jersey Prices 60c per bale higher.

Plastic Printed Labels

VAUGHAN'S PRINTED PLASTIC LABELS. Last year growers took to this new label like Ducks to Water. Printed labels dress up your bedding plants. Try them this year.

OVER 500 VARIETIES TO CHOOSE FROM.

Write for our complete list.

PRICES PRINTED PLASTIC LABELS.

Size	Per 100 Plain	Per 100 Printed	Per 1000 Plain	Per 1000 Printed
4"	—	$ .70	$3.95	$5.95
5"	—	.80	4.80	6.80
6"	—	.90	5.50	7.50
8"	—	1.10	7.75	9.75

QUANTITY DISCOUNTS ON PRINTED LABELS

100,000	Minimum of 1000 per variety—less 3%
250,000	Minimum of 1000 per variety—less 5%
500,000	Minimum of 1000 per variety—less 10%

WOOD SEED FLATS

5-1490 Made from clean cypress, knocked down, put up in bundles of ten flats each. Approximate weight per bundle, 50 lbs. **Do Not Break Bundles.**

	Dimensions	Bundle of 10
No. 3	21½x14x2¾ in.	$7.80
No. 3-A	21½x14x3¾ in.	8.10
No. 4	24 x15x2¾ in.	8.30
No. 4-A	24 x15x3¾ in.	8.70

VIBRA-SEEDER Now greatly improved to give maximum vibration for seed sowing. No parts to change, takes all sizes and shapes of seeds with the same easy vibrating action, which assures an even flow of seed and ultimately an even stand of seedlings. Flashlight batteries not included. **$3.25** net, prepaid.

Prices in this catalog are subject to change without notice.

ALL PRICES F.O.B. DOWNERS GROVE, ILLINOIS

The plants on the right shown above were grown in Peat Lite mix. The plants on the left were grown in a good planting soil media. The differences are explained below.

- **Another First**
- **Peat-Lite Mix**
- **Vaughan's Peat Lite Mixture**
- **Completely Sterile**
- **Reduces growing time**
- **Weighs less**
- **Completely uniform**
- **Economically priced**

Vaughan Seed Company is proud to present to the growers the first "Soil" for bedding plants, pots, and bench crops. This Peat-Lite Mixture was developed by a large Eastern University. It has been used commercially by growers since Spring 1962. One grower planted 60,000 annuals in 3 inch peat pots using this mixture. Crops grown included petunias, salvia, begonia, marigold zinnias, celosia, ageratums amaranthus coleus alyssum and basil. Crops are ready for market in 3 to 5 weeks less time. This means less water, labor, fertilizer, heat and care. Weight is another factor. Peat-Lite mixture weighs ⅓ to ½ less than most potting mixtures.

This mixture contains peat, vermiculite, ground limestone, and other growth necessities. A three bushel bag weighs 25 lbs. One bag will fill 65 Garden Paks No 110 (5½x7½x 2-5 8) It will also fill 650 2¼" peat Pots. The cost to fill one pak is about 5 cents, and to fill one 2¼" pot about .004 cents.

Peat-Lite Mixture is also excellent for use as a sowing media. Roots will develop quickly. Moisture is more uniform and the plants are easily separated at transplant time.

For more detailed information please write.

SIZE: 3 cu. ft. bag

PRICE PER BAG—	1 — 50	$4.00
	51 — 100	3.75
	101 — 250	3.50
	251 — Up	3.20

All prices F.O.B. Downers Grove, Illinois
Bound Brook, New Jersey

Prepaid to customer in truckload lots (750 bags). Combination truckloads can be arranged.

MULTI-NOZZLE SPRAY HEAD

Six nozzles mounted on two triple spray heads.

Each triple spray head (3 nozzles) on swivel joint—adjust your own spray pattern.

Output—2 gallons per minute at 200 lbs. per sq. in. pressure.

Maximum deposit of spray on leaves is effected for better insect control.

Labor cost of spraying much below the cost of conventional spray heads.

Reduces the amount of material used. Many growers overspray plants so that most of spray material runs off onto the bench.

Most efficient spray head available.

Developed by Dr. John Naegle of Cornell University. Price—**$39.50.**

DYMO TAPEWRITER KIT. A complete identification system at your finger tips. Ideal for labeling plants, inventory and pricing. Write for literature describing 1001 uses.

Model M-29. Kit includes: 1 M-29 Tapewriter, 1 Vertical embossing wheel, 1 combination embossing wheel, 5 rolls Vinyl tape, 5 rolls striped Vinyl tape and 1 Deluxe Texon Carrying Case.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S1870A	M-29	1	3 lbs.	**$51.00**	$84.95

Vinyl Embossing Tape Refills. ½"x12' rolls available in the following colors: Clear, Red, Orange, Green, Blue, Yellow, Brown, Black, Grey, Gold and Purple.

Cat. No.	Packed	Wt.	Dealers Cost	Retail
S1870B	10	2 lbs.	**$9.90**	$1.65

Striped Vinyl Tape Refills. ½"x12' rolls available in the following colors: RED w/gold, GREEN w/gold, BLUE w/gold, BROWN w/gold and BLACK w/gold.

Cat. No.	Packed	Wt.	Dealers Cost	Retail
S1870C	10	2 lbs.	**$11.70**	$1.95

M-29 Dymo Tapewriter Machine Only.

Cat. No.	Size	Packed	Wt.	Dealers Cost	Retail
S1870D	M-29	1	3 lbs.	**$30.00**	$49.95

Planco Perma-Lite Pot

A completely new molded fiber imprenated plant pot to use in place of plastic or clay. Costs less than either plastic or clay. Weighs less yet "breathes" like clay pot. Strong . . . yet flexible and light. Will serve as a growing and shipping pot. Will not decompose.

IT IS NOT A TRANSPLANTER POT

Sold in Case Lots Only.

Cat. No.	Size	Pots Per Case		1-9 cs.	10-24 cs.	25 cs./Up	Weight
				EASTERN STATES			
1703A	2¼" Round	2000	per 1000	**$ 9.65**	**$ 8.75**	**$ 8.30**	39 lbs.
			(per case)	**(19.30**	**(17.50)**	**(16.60)**	
17038	3" Round	1000	per 1000	**13.95**	**12.55**	**11.95**	39 lbs.
			(per case)	**(13.95)**	**(12.55)**	**(11.95)**	
				WESTERN STATES			
				1-9 cs.	10-24 cs.	25 cs./Up	Weight
1703A	2¼" Round	2000	per 1000	**$10.13**	**$ 9.19**	**$ 8.72**	39 lbs.
			(per case)	**(20.26)**	**(18.38)**	**(17.44)**	
17038	3" Round	1000	per 1000	**14.65**	**13.18**	**12.55**	39 lbs.
			(per case)	**(14.65)**	**(13.18)**	**(12.55)**	

Freight Prepaid on 150 lbs. or more.
Combine Planco Val-Peat Pots, Garden Paks, Market Paks, Bagasse Pots to make 150 lbs.

VINYL STERILIZING COVER, TAN. SOFT FORMULATION

The best available. Clings to the sides of benches. No need to add weights. Can be Electronically sealed to any Dimension. This is a 8 mil material.

	Each	5 or more
6 ft. x 100 ft.	**$28.80**	**$27.60**

This material is available in increments of 2 ft. widths i.e. 6-8-10-12 etc. Vaughan's sterilizing cover is by far the best buy in sterilizing covers. **For special sizes see V-508 listed below.**

S-1452 ULTRAVIOLET RESISTANT POLYETHYLENE FILM .004 GAUGE 4 MIL

This is the newest glazing film on the market. No other polyethylene film will last as long as this one. This material has been tested for two years in many different sections of the country with outstanding results. If you are presently using this type of greenhouse you will be glad you tried the new Ultraviolet Resistant Polyethylene film. All film shipped flat, no folds.

Size	Per Roll	5 Rolls Each	Wt.
3 x 100	**$3.90**	**$ 3.65**	6 lbs.
8 x 100	**10.35**	**9.65**	16 lbs.
10 x 100	**12.95**	**12.10**	21 lbs.
12 x 100	**15.55**	**14.15**	23 lbs.
14 x 100	**18.15**	**16.95**	27 lbs.

S-1840 VINYL FILM F.O.B. OHIO ONLY

STOCK No.	GAUGE	DESCRIPTION	STOCK WIDTHS	CUSTOM LENGTHS STOCK ROLLS Less than 1,000 Sq. Ft.	1,000 to 10,000 Sq. Ft.	SIZE	1-5 ROLLS	6 and OVER
				(Price Per Sq. Ft.)				
V-104	4 Mil	**Weatherable Vinyl —Clear**	4½ 5¼ 6 Ft.	**2.5¢**	**2.4¢**	4½′ x 200′	**21.60**	**20.70**
						5¼′ x 200′	**25.20**	**24.15**
						6 ′ x 200′	**28.80**	**27.60**
V-108	8 Mil	**Weatherable Vinyl —Clear**	4½ 5¼ 6 Ft.	**5¢**	**4.8¢**	4½′ x 100′	**21.60**	**20.70**
						5¼′ x 100′	**25.20**	**24.15**
						6 ′ x 100′	**28.80**	**27.60**
V-508	8 Mil	**Vinyl Sterilization —Cover—Tan** (Soft Formulation)	6 Ft.	**5¢**	**4.8¢**	6 ′ x 100′	**28.80**	**27.60**
V-515	15 Mil	**Vinyl Sterilization —Cover—Tan** (Soft Formulation)	6 Ft.	**9.5¢**	**9¢**	6 ′ x 100′	**54.00**	**51.00**
V-608	8 Mil	**Vinyl Sterilization Cover—Green** (Stiff Formulation)	4½ 5 6 Ft.	**5¢**	**4.8¢**	4½′ x 100′	**21.60**	**20.70**
						5 ′ x 100′	**24.00**	**23.00**
						6 ′ x 100′	**28.80**	**27.60**
V-806	6 Mil	**Porolated Vinyl —Black**	6 Ft.	**3.7¢**	**3.6¢**	6 ′ x 100′	**21.60**	**21.00**

ELECTRONIC SEALING

Vinyl is calendered in widths up to 6 ft. Wider covers are fabricated by electronically sealing stock width panels together. (Example: two 4½ ft. panels are sealed together to make a cover 9 ft. wide.) Covers may be ordered in any combination of stock widths, as shown above, in any length.

2 Panels
9 ft. to 12 ft. wide — **1¢** sq. ft. (add to custom

3 Panels—
13½ ft. to 18 ft. wide — **1.2¢** sq. ft. length price)

4 or More Panels—
19½ ft. and wider — **1.4¢** sq. ft.

Electronic Sealed Plastic Grommets—
6¢ per grommet

(For Partitions: Grommets spaced 12″ apart along one edge of the film.)

VINYL ADHESIVE

Patching Kit (1¼ oz. tube of adhesive & swatch of vinyl)	**$ .50**
½ Pint Vinyl Adhesive (Brush Top Can)	**1.10**
Quart Vinyl Adhesive	**2.85**
Adhesive Dispenser	**.50**
Quart Thinner	**1.10**

Note: In ordering steam sterilization covers allow 10% in length for shrinkage and contour of the ground. If maximum light transmission is not necessary, electronic sealed covers of weatherable vinyl should be ordered in the diffused lite film—it is easier to fold. The polished surface of the clear film causes it to block.

Because of postal regulations, quart cans of adhesive and thinner must be shipped by Railway Express or Motor Truck.

S-1453 PLASTIC MENDING TAPE, suitable for repairing polyethylene, vinyl, sisal glaze, eskay-lite. Waterproof. Ideal for patching and mending. This pressure sensitive tape available in rolls 2 inches wide and 100 ft. long.

Each $3.75
12 for 36.00

POLYETHYLENE FILM

Used for greenhouse construction, partitions, soil sterilization, etc. Clear only. Available in 4 and 6 mil.

CAT. NO. **S-1450B .004 MIL.**

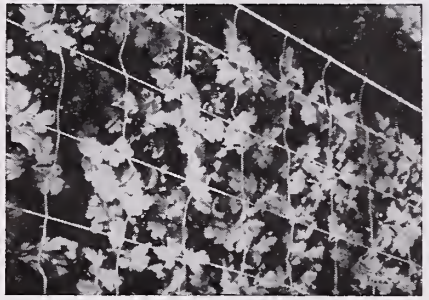
SIZE	WT. PER ROLL	COST PER ROLL	5 ROLLS EACH
3 ft. x 100 ft.	6 lbs.	**$2.50**	**$2.25**
4 ft. x 100 ft.	8 lbs.	**3.35**	**3.00**
6 ft. x 100 ft.	12 lbs.	**5.00**	**4.50**
8 ft. x 100 ft.	15 lbs.	**6.65**	**6.00**
10 ft. x 100 ft.	19 lbs.	**8.35**	**7.40**
12 ft. x 100 ft.	23 lbs.	**10.00**	**9.00**
14 ft. x 100 ft.	27 lbs.	**11.65**	**10.45**
16 ft. x 100 ft.	31 lbs.	**13.35**	**12.00**
20 ft. x 100 ft.	38 lbs.	**16.70**	**15.00**

CAT. NO. **S-1450A .006 MIL.**

SIZE	WT. PER ROLL	COST PER ROLL	5 ROLLS EACH
3 ft. x 100 ft.	9 lbs.	**$3.75**	**$3.40**
6 ft. x 100 ft.	17 lbs.	**7.50**	**6.75**
10 ft. x 100 ft.	29 lbs.	**12.50**	**11.25**
12 ft. x 100 ft.	35 lbs.	**15.00**	**13.50**
14 ft. x 100 ft.	41 lbs.	**17.50**	**15.75**
16 ft. x 100 ft.	46 lbs.	**20.00**	**18.00**
20 ft. x 100 ft.	58 lbs.	**25.00**	**22.50**

Prices subject to change.

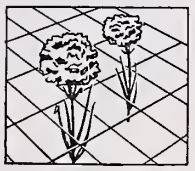
PLANTNET BENCH FABRIC



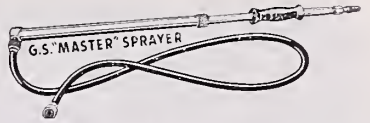
S-1110 PLANTNET BENCH FABRIC. An all plastic bench fabric, will not rust. For greenhouse or outdoor cut flower beds. No shipping problem. Can be shipped parcel post. 42 inch x 200 ft. weighs only 3 lbs. F.O.B. Downers Grove, Ill. Mesh size 6x6 inches.

	Price
36″ Width, 6 Mesh Across, 200 ft. long . . . ea.	**$12.85**
42″ Width, 7 Mesh Across, 200 ft. long . . . ea.	**14.00**
48″ Width, 8 Mesh Across, 200 ft. long . . . ea.	**15.25**
54″ Width, 9 Mesh Across, 200 ft. long . . . ea.	**16.80**
60″ Width, 10 Mesh Across, 200 ft. long . . . ea.	**18.20**

S-1845 LIGHTWEIGHT SLATER'S WIRE Fabric for cut flower support is made of 14 or 16 gauge soft-annealed galvanized electro-welded wire in a 6″x8″ mesh pattern. Saves time, labor, lasts for years. All rolls 200 feet long. F.O.B. New York.



	Shipping Weight	14 gauge	16 gauge
36″ width	23 lbs.	**$15.90**	**$12.75**
42″ width	26 lbs.	**17.20**	**13.90**
48″ width	30 lbs.	**19.50**	**15.20**
54″ width	34 lbs.	**21.70**	**16.75**
60″ width	37 lbs.	**24.90**	**18.10**



G. S. "MASTER" SPRAYER

S-1222 G. S. "MASTER" SPRAYER. For spraying Flowers, Vegetables, Lawns, Trees, Shrubs, Barns, Poultry Houses, Shading Greenhouses, Disinfectants, and a thousand and one other uses. 100% Brass, all parts machined. Equipped with an adjustable nozzle, brass goose neck extension for getting under foliage. Will easily throw a spray stream 35-40 feet, and with a twist of the wrist produce a mist-like spray. Each, $7.75; postpaid $8.35.

S-1223 G. S. "JUNIOR" SPRAYER. An exact take-off of the "Master" except that it is smaller in design. Each $6.35; postpaid $6.85.

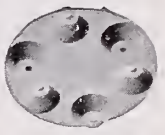
S-171A GARLAND WHITE SHADING COMPOUND. A mixture of 2 lbs. of Garland Shading Compound in one gallon of water covers approximately 150 sq. ft. of glass area. 25 lbs., $4.95; 50 lbs., $9.50; 350 lbs., $54.25; **S-171 green** 3c per lb. higher.

S-1846 P. P. BENCH STRINGER. A hand operated machine weighing approximately one pound. "Stringing" is accomplished by passing the machine across the bench wires. The top and bottom sections of the machine are each loaded with a cartridge of pressure sensitive tape. The two tapes bind to each other and to the wires, forming a new type of "string." The Dual-Model P.P. Bench Stringer pictured above.

Ea. complete $196.00
Tandem adapter, ea. 12.00

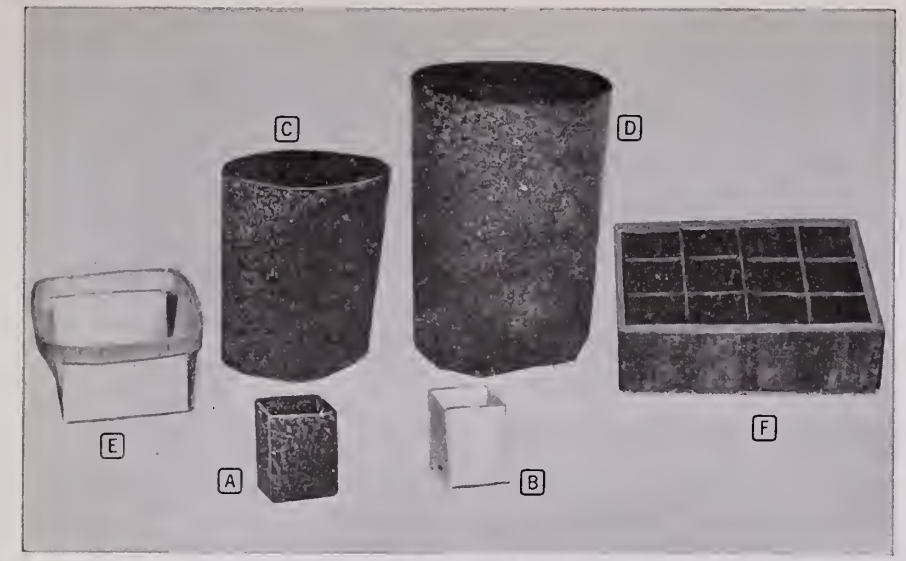
P. P. BENCH STRINGER $98.00
Case of Tape 17.00
(20 cartridges, 240 yds. tape in each cartridge.) F.O.B. Mass.

S-1352 AERO-DRAIN—FLOWER POT DRAIN HOLE COVER. Aero-Drains fit 4- to 12-in. pots and go in either side up for easy use. Provide best drainage and air flow. Because they nest neatly they're easy to handle and save space on the potting bench.



QUANTITY	BULK PACK (5,000 per case)	UNIT PACK (1,000 per carton)
1,000 to 9,000	$6.50 per 1,000	$6.50 per 1,000
10,000 to 40,000	6.15 per 1,000	6.35 per 1,000
50,000 to 90,000	5.95 per 1,000	6.15 per 1,000
100,000 or more	5.75 per 1,000	6.10 per 1,000

Minimum order 1,000



PERM-A-NEST PLANT TRAYS

For Florists and Home Growers. Easy carrying and lightweight. Attractive grouping of potted plants with natural watering from the bottom. No leakage or mud stains. Made of rugged, shatterproof, high-impact polystyrene. For Greenhouse Seed and Bulb Flats. Controlled drainage—drill out drain embossments as desired. No Plant disease from Permanests. Smooth hard surface has no bacteria-hiding pores. Washable. Easily sterilized with ordinary detergents. **Sold in originol cartons only.** Colors: Light Green. **F.O.B. Downers Grove.**

Cat. No.	Sizes	Quantity per ctn.	Weight per ctn.	Cost per ctn.	Retail Each
5-818A	4x 8x2½"	36	4 lbs.	$5.67	$ .25
5-8188	8x 8x2¾"	24	7 lbs.	7.35	.49
5-818C	8x12x2¾"	12	4 lbs.	4.43	.59
5-818D	22x11x2¾"	6	7 lbs.	7.43	1.98
5-818E	13x15x3½"	6	7 lbs.	7.43	1.98

Bird Perenniol Pots, Plont Bonds and Tom Thumb Flats are sold f.o.b. Downers Grove, Ill., or Bound Brook, New Jersey.

C S-1725 BIRD PERENNIAL POTS. Lightweight. Bird Perennial Pots are ideal for all kinds of perennials, roses, bulbs, shrubs. 5" x 8" is a mum pan. **Sold in originol cortons only.** Total of 600 Pots or more take 1,000 rate.

Height	Top dia.	Packed Per Case	Weight per 1000	Price Per Case	Per 1000
5 -in.	8-in.	200	325 lbs.	$14.30	$65.00
5½-in.	5-in.	200	165 lbs.	10.45	47.50
6½-in.	6-in.	200	220 lbs.	13.00	58.60
9½-in.	7-in.	100	355 lbs.	7.65	69.00

F BIRD "TOM THUMB" FLATS

S-1394 Made of heavy fibre resinous material. Easily set up. Comes in two sizes; No. 1 holds dozen 1¾-inch bands; No. 2 holds dozen 2-inch bands. You will find these ideal for counter sales of bedding or vegetable plants. Prices on flats only.

	Packed	Per 1000
No. 1 Weight per 1,000, 220 lbs.	250	**$44.70**
No. 2 Weight per 1,000, 248 lbs.	250	**$49.60**

S-1901 MENNE—POTS (Heavy)

All F.O.B. Tonawonda, N.Y.

500 Per size tokes the 1000 rote.

Size Heavy	Top Dia.	Height	Packed	Wt. Per 100	Per 100	Per 1000
0	4 "	4"	250	25 lbs.	$3.75	$35.00
0½	5 "	5"	100	30 lbs.	4.50	42.50
1	6 "	6"	100	35 lbs.	5.25	50.00
2	7 "	9"	50	55 lbs.	6.75	65.00
2½	7½"	7"	50	55 lbs.	6.75	65.00
3	8½"	9"	50	70 lbs.	7.25	70.00
4	10 "	10"	50	120 lbs.	12.00	110.00
5	12 "	12"	20	250 lbs.	27.50	225.00
Pan	8½"	5"	50	70 lbs.	6.75	65.00

A VITA-BANDS

Vito-Bond D
Vita-Band D Disintegrates in the soil when transplanted—no need to remove band.

Vita-Bond 10
Vita-Band 10 for growing periods of 8 to 10 weeks.

Vito-Bond H
Vita-Band H for extra-long growing periods up to 40 weeks.

STATE TYPE REQUIRED (D-H-10)

ALL PRICES PER 1000 — **SOLD IN CASE LOTS ONLY**

S-1387 VITA BAND "D"

	1½x 1½x 2½	1¾x 1¾x 2½	2x 2x 2½	2x 2x 3	2½x 2½x 3	3x 3x 3	4x 4x 3	4x 4x 4
0- 8,000	**$5.20**	**$5.55**	**$5.80**	**$6.50**	**$6.75**	**$7.60**	**$9.90**	**$12.40**
10,000- 24,000	**5.10**	**5.40**	**5.60**	**6.35**	**6.60**	**7.40**	**9.70**	**12.20**
25,000- 48,000	**5.00**	**5.25**	**5.45**	**6.20**	**6.45**	**7.20**	**9.50**	**11.95**
50,000-200,000	**4.85**	**5.15**	**5.35**	**6.05**	**6.30**	**7.05**	**9.35**	**11.60**
202,000-500,000	**4.55**	**4.90**	**5.05**	**5.70**	**5.95**	**6.65**	**8.75**	**11.05**
502,000-Over	**4.45**	**4.80**	**4.95**	**5.55**	**5.85**	**6.50**	**8.55**	**10.75**
Bands Per Case	2000	2000	2000	2000	2000	2000	1000	1000
Wt. Per Case	18	21	23	28	34	40	27	35

S-1390 VITA BAND "10"

0- 8,000	**$5.05**	**$5.40**	**$5.65**	**$6.20**	**$6.70**	**$7.45**	**$9.65**	**$12.00**
10,000- 24,000	**4.95**	**5.25**	**5.50**	**6.05**	**6.55**	**7.25**	**9.45**	**11.80**
26,000- 48,000	**4.85**	**5.10**	**5.35**	**5.90**	**6.40**	**7.10**	**9.25**	**11.60**
50,000-200,000	**4.65**	**5.00**	**5.25**	**5.70**	**6.25**	**6.90**	**9.00**	**11.25**
202,000-500,000	**4.45**	**4.70**	**4.95**	**5.40**	**5.90**	**6.50**	**8.50**	**10.65**
502,000-Over	**4.35**	**4.60**	**4.85**	**5.30**	**5.80**	**6.40**	**8.35**	**10.40**
Bands Per Case	2000	2000	2000	2000	2000	1000	1000	500
Wt. Per Case	32	36	41	49	61	36	47	32

S-1385 VITA BAND "H"

0- 8,000	**$6.55**	**$6.95**	**$8.15**	**$8.70**	**$9.15**	**$11.25**	**$13.75**
10,000- 24,000	**6.40**	**6.75**	**7.95**	**8.50**	**8.90**	**11.00**	**13.55**
26,000- 48,000	**6.25**	**6.60**	**7.70**	**8.30**	**8.70**	**10.70**	**13.35**
50,000-200,000	**6.10**	**6.45**	**7.55**	**8.10**	**8.50**	**10.45**	**12.90**
202,000-500,000	**5.75**	**6.10**	**7.15**	**7.65**	**8.05**	**9.85**	**12.25**
502,000-Over	**5.60**	**6.00**	**7.00**	**7.50**	**7.90**	**9.65**	**11.95**
Bands Per Case	1000	1000	1000	1000	1000	500	500
Wt. Per Case	26	30	35	42	50	34	45

D S-1730 CLOVERSET POTS. Total of 400 or more pots takes 1000 rate. We Do Not Break Cartons.

SIZES FOR EVERY NEED
Roses, Perennials, Shrubs and Young Trees

Lasts a full year or more in the sales frame. Contains roots safely within the soil ball; permits transplanting any time.
Has adequate bottom opening for good drainage without waterlogging; no gravel necessary.
Rests on wide bottom; no blowing over in the frames.

F.O.B. Downers Grove

Std. Pots	Top Dia.	Height	Quantity Per Carton	Wt. Per 1000	Per Carton	Per 1000
No. 0	5"	5½"	200	210 lbs.	$11.00	$50.00
No. 1	6"	6½"	100	331 lbs.	6.90	59.00
No. 2	7"	9½"	100	520 lbs.	7.90	71.00
No. 3	8"	9"	100	550 lbs.	8.90	76.00
No. 4	12"	13"	Per 100	130 lbs.	Carton	of 25

$8.50; 100 for $29.25; 1,000 for $275.00.

F.O.B. KANSAS CITY, MO.

Std. Pots	Top Dia.	Height	Quantity Per Carton	Wt. Per 1000	Per Carton	Per 1000
No. 0	5"	5½"	200	210 lbs.	$9.00	$42.50
No. 1	6"	6½"	100	331 lbs.	5.50	52.50
No. 2	7"	9½"	100	520 lbs.	6.25	60.00
No. 3	8"	9"	100	550 lbs.	6.75	65.00
No. 4	12"	13"	Per 100	130 lbs.	Carton	of 25

$7.70; 100 for $26.15; 1,000 for $231.00.

B STAPLED WOOD VENEER PLANT BANDS

S-1780 Used by the largest growers for vegetable plants, perennial plants, carnations, snaps and stocks. For transplanting in greenhouse or outdoors. Sold in original cases only. Packed 1000 Per Case.

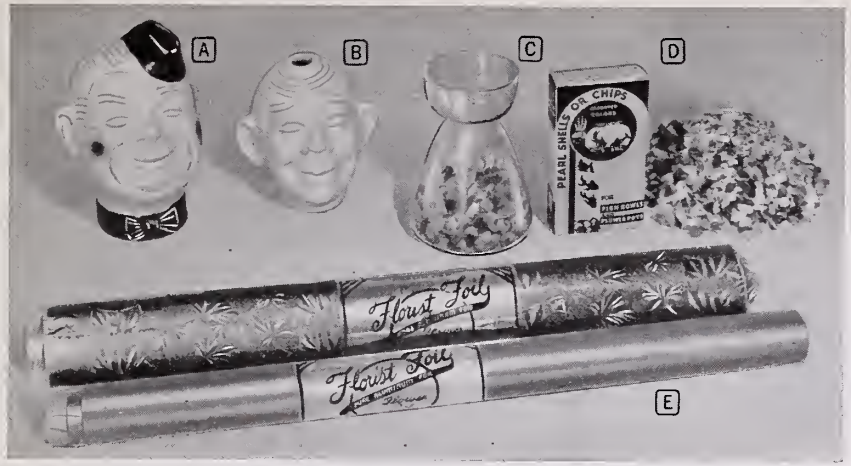
	1,000 to 9,000	10,000 to 49,000	50,000 or more	Band with Bottom
1¾x1¾x2	$6.40	$6.30	$6.20	
1¾x1¾x2½	6.50	6.40	6.30	$10.40
2x2x2	6.50	6.40	6.30	10.40
2x2x2½	6.60	6.50	6.40	10.50
2¼x2¼x2½	6.80	6.70	6.60	10.60
2½x2½x2½	6.90	6.80	6.70	10.80
2x2x3	6.90	6.80	6.70	10.80
2½x2½x3	7.30	7.20	7.10	11.30
3x3x3	7.80	7.70	7.60	11.60
3x3x4	8.00	7.90	7.80	12.10
4x4x3	8.10	8.00	7.90	12.40
4x4x4	9.00	8.90	8.80	13.80

F.O.B. DONGOLA, ILL. ONLY

E S-1785 PANSY BASKETS

F.O.B. DONGOLA, ILL. ONLY

	Per 100	Per 500	Per 1000
1 qt.	$4.20	$20.50	$40.00
2 qt.	4.60	22.75	44.50
3 qt.	4.80	23.50	46.00



GRASS GROWING HEADS, a terra cotta novelty. Natural color. Grooves in heads hold seed. Simple to use. Just soak head in water over night, fill with water and spread the seed very thickly over all the head. In about a week a lovely head of green hair will appear. Can be "crew cut" or styled to suit your fancy. In two sizes complete with seed and directions. **Sold in original cartons only.** Extra packets of seed, per dozen 80c.

	Cat. No.	Packed	Wt.	Dealers Cost	Retail
A	**S-1102B**	Buddy Head 12	21 lbs.	**$ 6.50**	$1.25
B	**S-1102A**	Sunny Jim Head 24	24 lbs.	**10.80**	1.00

C **S-1816 HYACINTH GLASSES** (Vases). In crystal shade only. Per carton of 36 vases, $13.75; 3 carton lots at $13.50 per carton. Sold in original cartons only.

D PEARL CHIPS

For growing Bulbs in Bowls and Pots. They can also be used for aquariums, goldfish bowls, and decorative purposes.

S-1819 WHITE CHIPS, $5.00 per 100 lbs.

S-1820 COLORED MIXED CHIPS, $7.00 per 100 lbs. Write us for prices on larger quantities.

S-1821 PEARL CHIPS IN ATTRACTIVE PACKAGES. White Chips per carton of 36 pkgs., $3.85.

S-1822 Colored Mixed Chips per carton of 36 pkgs., $4.10

E ALUMINUM FLORIST FOIL

S-201 VELVETONE. Colored aluminum foil used for pot covers, etc. Colored on one side, silver on the other. Rolls 20 inches wide. Colors, violet, silver, gold, green, red, purple, fuchsia, pastel green, pastel blue, and blue. Per 50-ft. roll, $1.15; 10 rolls for $11.00; 25 rolls for $25.00.

S-202 GRAPE LEAF EMBOSSED FLORIST FOIL. In all colors. Rolls 20 inches wide, 50 feet long, each, $1.25; 10 rolls, $12.00; 25 rolls for $28.75.

FERNWOOD POLES VAUGHAN'S NEW FERNWOOD DISPLAY. Each Pole is individually wrapped. Attractive 4 color label helps sell on sight. Complete instruction on each label.

Display contains:

Quantity	Size
12	1″ x1″ x16″
12	1½″x1½″x18″
6	2″ x2″ x24″
3	2″ x2″ x30″

Cat. No.	Packed	Wt.
S1882A	1	14 lbs.

Dealer	Retail
$16.18	$26.97

Refills and Additional Sizes
Cat. No. S1882B. Order by size.

Size	Packed	Wt.	Dealer	Retail
1″x1″x16″	12	3 lbs.	**$3.52**	$.49
1½″x1½″x18″	12	4 lbs.	**4.96**	.69
2″x2″x18″	12	6 lbs.	**6.40**	.89
1½″x1½″x24″	12	8 lbs.	**6.40**	.89
2″x2″x24″	12	16 lbs.	**9.28**	1.29
2″x2″x30″	12	19 lbs.	**12.16**	1.69
2″x2″x36″	12	26 lbs.	**14.26**	1.98
2″x2″x48″	12	30 lbs.	**21.46**	2.98

OASIS COLORFUL FLOWER ARRANGING DISPLAY.

The Oasis line was developed around Oasis Foam Flower Holders. These green floral foam cylinders are the same foam used by florists for years. Now the homemaker can arrange flowers like a professional right in her own home . . . with these flower arranging aids.

Display Contains:

6 boxes Foam Flower Holders
3 O'Bowl No. 5 Paks
3 O'Dapter Paks
7 Bottles Flower Preserver Concentrate
30 Flower Arranging Booklets

Cat. No.	Packed	Wt.	Dealers Cost	Retail
S1828A	1	12 lbs.	**$16.40**	$26.45
Refills for above: Foam Flower Holder HC-1 **S1828B**	12	30 lbs.	**$6.12**	$0.89
O'Bowl Holders CB-1 **S1828C**	12	5 lbs.	**$8.46**	$1.25
O'Dapter Pak D-1 **S1828D**	12	3 lbs.	**$7.20**	$1.00
Flower Preserver (Concentrate) FP-1 **S1828E**	12	9 lbs.	**$6.72**	$0.98

Vaughan's now offer the most complete line of supplies and containers for the grower. Most items are stocked in both Downers Grove, Illinois and Bound Brook, New Jersey. **Send your order to the nearer warehouse.**

WE HAVE COMPLETELY ELIMINATED FROM THIS CATALOG, ALL ITEMS FOR RESALE. WRITE FOR OUR DEALER CATALOG LISTING A COMPLETE LINE OF ITEMS FOR THE LAWN AND GARDEN. DEALER CATALOG IS AVAILABLE ABOUT DECEMBER 1ST, EACH YEAR.

We ask your co-operation in making your order for supplies at least $5.00. Minimum billing on supplies is $5.00. This minimum billing is necessary so that we can continue to maintain our complete line of supplies to serve you.

Note: All items are shipped either f.o.b. Downers Grove, Illinois or Bound Brook, New Jersey or closest warehouse unless specified otherwise.

FLORISTS' KNIVES

The Budding, Grafting, Pruning and Florists' Knives illustrated below are designed and made to meet the exacting requirements of nurserymen, orchardists, florists and gardeners who are extremely particular in the choice of their cutting equipment. Postage extra.

A **S-121 BUDDING & GRAFTING KNIFE. Model 727W Imported two blade.** Each, $6.00; 6 for $33.00; 12 for $54.00.

B **S-116 VAUGHAN'S FLORIST KNIFE WITH GRAFTING BLADE.** Model 182, each $2.25; 6 for $11.50; Doz., $19.80.

C **S-117 VAUGHAN'S BUDDING AND GRAFTING KNIFE.** Model 716, with 2 blades and Brass Caps, Each, $2.75; 6 for $14.40; Doz., $24.60.

D **S-115 WHITE HANDLE, FLORISTS GRAFTING KNIFE.** Model 195, silver nickel schackle for chain attach. Each, $2.00; 6 for $11.00; Doz., $19.20.

E **S-119 WHITE HANDLE FLORIST KNIFE.** Kamphaus knife. A good general purpose knife. This knife is popular with our salesmen. Each, $2.75; 6 for $15.00; Dozen for $27.00.

VAUGHAN'S GREENHOUSE WHEELBARROW

S-1350 Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 15 in. wide at wheel end; 19½ in. wide at handle end; 11¼ in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. The axle is 16 inches wide. Made of best material. Legs reinforced, spread of handles at hand-hold 20 in., which is extreme width of barrow. With Pneumatic Tire, $28.95. F.O.B. Downers Grove, Ill.

GROWTH RETARDANTS

S-369 B-NINE growth control. Foliar spray height retardant for Mums, Azaleas and Hydrangeas.

A solution of B-Nine is sprayed on the leaves of potted chrysanthemums. B-Nine passes into the leaf then moves within the plant to reduce elongation of the stem. Treated plants develop a shorter, more compact habit of growth when compared to untreated.

Add one-half pint B-Nine solution to 2 gallons of water and spray to drip point as late as four to five weeks after the start of short days when side flower buds are removed. The chemical will retard stretching of the stem just below the flower.

Qt. ..... Each $8.00
Gallon $28.80

S-311 PHOSPHON LIQUID. Chemical height-retardant for Forced Easter Lillies. Dilute 1 pint in 12 gallons water to treat 180—6 inch pots. For Pot Mums dilute 1 pint in 12 gallons water to treat 4200 6" pots.

1 pt. ..... Postpaid, $17.95
Case (12—1 pt.) 215.40

S-378 PHOSPHON D. (Dust Formulation.) Chemical height retardant for pot mums. Also improves foliage appearance, produces compact plants, strengthens stems.

1-lb. bottle ..... Postpaid, $17.95
Case (12—1-lb. bottles) ..... Postpaid, 215.40

S-377 CYCOCEL growth retardant for Red Poinsettias. Cycocel treated plants have: Shorter Height, Deeper Green Foliage, Stronger Stems, Richer Red Bracts (formerly referred to as CCC). Dilute Cycocel by adding 1 quart to 10 gallons of water. Apply the dilute solution as a uniform soil drench. Write for complete information.

1 qt. ..... $12.95 1 gal. $49.75

S-333 FULEX PARATHION FUMIGATORS. For most greenhouse ornamentals including carnations, chrysanthemums, geraniums, snapdragons, African violets and many other tolerant varieties **even in bloom!**

2,000 cu. ft., 10 lbs., per carton of 24 ..... $12.00
5,000 cu. ft., 10 lbs., per carton of 24 ..... $14.50
10,000 cu. ft., 18 lbs., per carton of 24 ..... $17.00
20,000 cu. ft., 30 lbs., per carton of 12 ..... $14.00

S-335 FULEX TEDION FUMIGATORS. The new RED SPIDER control for RESISTANT strains. Excellent for "Mums", Snaps, Carnations and Roses. (Don't know if White Butterfly will drop leaves, so be careful on these.) Also has been used on tomatoes and over 100 other varieties safely! Use the NEW SMOKE for "tough-to-kill" RED SPIDERS. It's NON-POISONOUS —MILD—and has excellent plant tolerance. For example, "mums" in full bloom.

5,000 cu. ft., 5 lbs., per carton of 12 ..... $ 9.50
10,000 cu. ft., 18 lbs., per carton of 12 ..... $12.00
20,000 cu. ft., 15 lbs., per carton of 12 ..... $18.00

S-347 BLACK LEAF NICO-FUME PRESSURE FUMIGATORS. Punch type cans.

15,000 cu. ft. size, carton of 12 ½ lb cans ... $10.50
30,000 cu. ft. size, carton of 12 1 lb. cans ... $16.92

S-346 PLANT PRODUCTS NICOTINE PRESSURE FUMIGATORS. For efficient control of aphids (green and black fly), most thrips, mum and rose midge.

10,000 cu. ft. fumigator, per carton of 12 .... $ 8.75
20,000 cu. ft. fumigator, per carton of 12 .... $13.75

S-342 PLANT PRODUCTS. TEDION—DITHIO Pressure Fumigators. Contains 15% Tedion and 12.5% Dithio. Controls Resistant Red Spider Mites, Aphids, White Fly, and some species of Mealy Bugs, Thrips and Soft Brown Scale.

10,000 cu. ft. per carton of 12 for $15.00
20,000 cu. ft. per carton of 12 for $26.00

S-344 PLANTFUME 103 SMOKE GENERATOR. Contains 15% Dithio. For control of Red Spider Mites, Aphids, Whitefly and some species of Mealy Bugs, Thrips, and soft brown scale or ornamental plants in the greenhouses.

5,000 cu. ft., 11 lbs., per carton of 36 ..... $12.00
20,000 cu. ft., 8 lbs., per carton of 12 ..... $12.00

S-349 PLANT PRODUCTS 15% TEDION Pressure Fumigator. For control of resistant spider mites on ornamental plants in greenhouses. Tedion is slow acting. Allow 7 days for optimum results.

10,000 cu. ft., 7 lb. carton of 12 for $12.00
20,000 cu. ft., 13 lb. carton of 12 for $18.00

FULEX FUMIGATORS are cone-top, low-pressure cans producing MORE SMOKE, GREATER EFFICIENCY, BETTER DISTRIBUTION
No holes to punch!

S-330 FULEX APHID SMOKE. New Fulex greenhouse smoke fumigator for Aphids, Adult White Flies and Adult Leaf Tyers. Contains Lindane.

2,000 cu. ft. unit size, 9 lbs., carton of 24 for $12.00
5,000 cu. ft. unit size, 9 lbs., carton of 24 for $14.50
10,000 cu. ft. unit size, 9 lbs., carton of 24 for $17.00
20,000 cu. ft. unit size, 16 lbs., carton of 12 for $13.00

S-331 FULEX THIODAN FUMIGATORS. The new control for resistant White Flies.

5,000 cu. ft., per carton of 12 ..... $ 8.50
10,000 cu. ft., per carton of 12 ..... $11.50
20,000 cu. ft., per carton of 12 ..... $16.00

S-332 FULEX NICOTINE FUMIGATORS. For use on Greenhouse Ornamentals only. Gives efficient results on greenhouse aphids and whiteflies. Contains 14% Nicotine (Alkaloid).

5,000 cu. ft., 6 lb. carton of 12 for ..... $ 7.25
10,000 cu. ft. unit size, 9 lbs., carton of 12 for $ 8.50
20,000 cu. ft. unit size, 15 lbs., carton of 12 for 14.00

LETHALAIRE APPLICATORS

Special applicators must be used with these Aerosol Bombs. Applicator has universal coupling to fit any bomb.

		Each
S-381A	**No. 20** 24" applicator & Cylinder Sack	$7.00
S-381B	**No. 30** 36" applicator & Cylinder Sack	7.25
S-381C	**No. 40** 48" applicator & Cylinder Sack	7.50
S-381D	Resistoflex Hose (with connections)	2.65
S-381E	5 Gallon Nozzle 80°	1.55

LETHALAIRE PRESSURE FUMIGATORS

S-382A F80 PARATHION 10%
Recommended for the control of Aphids, Mealybugs, Red Spider Mites and Thrips on greenhouse ornamental plants.

10,000 cu. ft. 8 lbs. carton for 12 for ..... $ 8.80
20,000 cu. ft. 14 lbs. carton of 12 for $12.30

S-382B F81 TEDION 15%
Recommended for the control of Red Spider Mites on roses, carnations, chrysanthemums and other greenhouse ornamental plants.

10,000 cu. ft. 8 lb. carton of 12 for $13.00
20,000 cu. ft. 14 lb. carton of 12 for $20.90

S-382C F82 THIODAN 15%
Recommended for the control of Aphids and Whiteflies on roses, carnations and chrysanthemums.

10,000 cu. ft., 8 lb. carton of 12 for $12.00
20,000 cu. ft., 14 lb. carton of 12 for $18.00

S-383C F83 VAPONA 10%
Recommended for control of Aphids, Mealy Bugs, Red Spider Mites (most resistant forms) and Whiteflies on greenhouse ornamental plants.

10,000 cu. ft. 8 lb. carton of 12 for $12.00
20,000 cu. ft. 14 lb. carton of 12 for $18.00

PROTECTIVE EQUIPMENT

S-384A Willson Greenhouse Mask—5tyle W1G-G3FD with G3FD canister in cardboard carton ..... Each **$34.25**

S-384B Willson greenhouse Mask same as above except in Fibre Carrying Case ..... Each **$37.25**

S-386 G3FD Square Replacement Canister ..... Each **$4.85**

S-385 ***Caution:** The No. H-3FC Round Canister is required on your mask when using G-64 10% Phosdrin. This canister is also satisfactory for other Lethalaire Bombs ..... Each **$6.53**

S380 LETHALAIRE AEROSOL BOMBS

Each 4-pound cylinder treats 200,000 cu. ft. of enclosure space.

Prepaid in lots of 12 or more bombs direct from factory. Add 50c net per cylinder for shipments to all points west of the Rockies.

Less 10% on orders of 6 or more bombs.

No.	Type	Each	Net Wt. Lbs.	Deposit
G-54	10% Parathion	$9.50	4	$3.75
G-57	5% Dithiono	9.50	4	3.75
G-60	10% Aramite	12.50	4	3.75
G-61	2% Lindane & 10% Aramite	13.00	4	3.75
G-62	15% Malathion	10.25	4	3.75
***G-64**	10% Phosdrin	13.25	4	3.75
G-66	10% Chlorobenzilate 80	10.75	4	3.75
G-67	10% Thiodan	10.25	4	3.75
G-68	10% Vapona® (DDVP)	14.50	4	3.75

NOTE: The deposits on the bombs are refunded when they are returned to us prepaid. Empties may be returned in quantities of 12 by motor freight collect, direct to factory in Virginia or prepaid to us in smaller quantities.

PLASTIC POTS } Are the Modern Pots

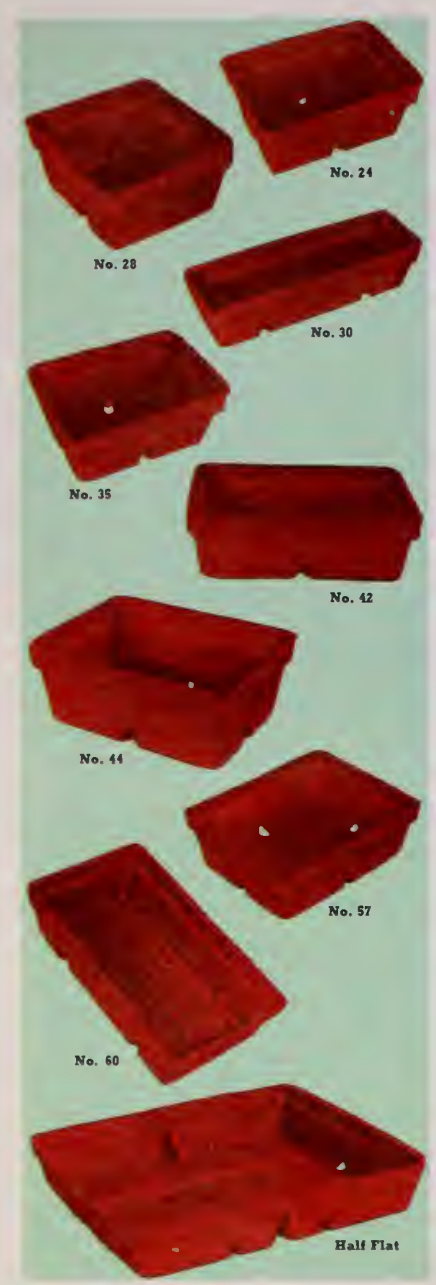
NOW SHIPPED PREPAID (SEE BELOW)

	APPROX. SIZE (Dia. x Depth)	PCS. PER CTN.	PRICE PER CTN.	Price per 1,000—UTILITY COLOR 1-9 CTN.	10-24 CTN.	25 OR OVER	WT. CTN.
ROUND POTS							
R-225	2¼"x2¼"	2000	$18.70	$ 9.35	$ 8.90	$ 8.50	34
R-250	2½"x2½"	2000	21.50	10.75	10.25	9.75	36
R-300	3" x3"	1000	13.75	13.75	13.10	12.50	34
R-400	4" x4"	500	13.78	27.55	26.25	25.00	30
R-500	5" x5"	300	17.54	58.45	55.65	53.00	38
R-600	6" x6"	120	10.58	88.20	84.00	80.00	25
R-700	7" x7"	72	10.22	142.00	135.25	128.80	25
R-800	8" x7"	100	15.22	152.15	144.90	138.00	32
ROUND TUBS OR ¾ POTS							
RT-350	3½"x2¾"	1000	22.30	22.30	21.25	20.25	37
RT-400	4" x2⅞"	500	12.68	25.35	24.15	23.00	23
RT-500	5" x3¾"	400	22.32	55.80	53.15	50.60	38
RT-600	6" x4½"	120	9.74	81.15	77.30	73.60	21
SQUARE POTS (SPACE SAVING)							
S-225 (2¼")	2" x2"	2000	19.30	9.65	9.20	8.75	30
S-250 (2½")	2¼"x2⅛"	2000	22.00	11.00	10.50	10.00	38
S-300 (3")	2¾"x2⅜"	1000	13.75	13.75	13.10	12.50	31
S-400 (4")	3¾"x3¼"	500	13.78	27.55	26.25	25.00	30
SQUARE BEAUTY POTS (CONTOUR) WHITE							
SCP-300	2¾"x2 9/16"	1000	17.25	17.25	16.45	15.65	33
SCP-350	3¼"x2⅞"	1000	23.15	23.15	22.05	21.00	45
SCP-450	4¼"x4⅛"	400	20.94	52.35	49.85	47.50	37
SQUARE ROSE POTS							
SRP-250	2⅜"x3¼"	1000	18.65	18.65	17.75	16.90	33
PLANTA-PAK (SEEDLING FLATS)							
BF-47	5 11/16"x4⅛"x2"	500	17.50	35.00	32.00	28.80	35
BF-53	5⅛"x5⅛"x2¼"	300	11.10	37.00	33.00	29.50	23
BF-90	7½"x5"x2⅝"	200	12.00	60.00	54.00	48.50	31
BF-123	8"x6½"x2⅝"	150	9.75	65.00	58.00	52.00	28

WRITE FOR PRICES ON PLANTA CANS OR PERMA CANS

Shipments of 150 lbs. or more are delivered prices/full freight allowed in U.S.A. East of Continental Divide on carrier of our choice. West of Continental Divide—F.O.B. Shipping Point.

Sizes may be combined to make 150 lbs. and/or to obtain quantity prices. Add 5% for white. Shipping Points: Downers Grove, Ill., Bound Brook, N.J., Brownsville, Texas, Kissimmee, Fla., So. Rockwood, Mich., Stamford, Connecticut.



Market Paks for Modern Merchandising

Ideal containers for growers specializing in seedlings. Strong and durable—hard-pressed wood fiber impregnated with asphalt. Used by growers for over 10 years and are well-known as a quality container. Available in 9 sizes to fit your growing needs.

Sizes may be combined for minimum price. Orders for 150 lbs. or more ship Pre-Paid Except in Utah, Washington, Oregon, California, Arizona, Nevada, Idaho, Hawaii, and Alaska. Combine Market-Paks, Planco Val-Peat Pots and Planco Pot Trays, Plastic Pots, Glamor Paks, and other containers to make 150 lbs.

No. 24 4⅛x5¾x2½ in. Packed 250 per case. Minimum order 250. 16 lbs. per case.

Quantity	Per 1000
250 to 750	**$31.50**
1000 to 9,750	**29.40**
10,000 to 49,750	**27.30**
50,000 and UP	**25.20**

No. 28 5⅛x5½x2¾ in. Packed 250 per case. Minimum order 250. 20 lbs. per case.

Quantity	Per 1000
250 to 750	**$37.00**
1000 to 9,750	**35.00**
10,000 to 49,750	**33.00**
50,000 and UP	**30.00**

No. 30 2⅞x10¼x2⅜ in. Packed 200 per case. Minimum order 200. 16 lbs. per case.

Quantity	Per 1000
200 to 800	**$42.90**
1000 to 9,800	**40.70**
10,000 to 49,800	**38.50**
50,000 and UP	**35.20**

No. 35 5$\frac{3}{16}$x6⅝x2¾ in. Packed 200 per case. Minimum order 200. 18 lbs. per case.

Quantity	Per 1000
200 to 800	**$44.10**
1000 to 9,800	**41.95**
10,000 to 49,000	**39.80**
50,000 and UP	**36.55**

No. 42 5½x7½x2⅜ in. Packed 200 per case. Minimum order 200. 19 lbs. per case.

Quantity	Per 1000
200 to 800	**$45.15**
1000 to 9,800	**43.00**
10,000 to 49,800	**40.85**
50,000 and UP	**37.65**

No. 44 5½x7½x2¾ in. Packed 200 per case. Minimum order 200. 21 lbs. per case.

Quantity	Per 1000
200 to 800	**$50.40**
1000 to 9,800	**48.30**
10,000 to 49,800	**46.20**
50,000 and UP	**43.05**

No. 57 6¾x8⅜x2¾ in. Packed 200 per case. Minimum order 200. 25 lbs. per case.

Quantity	Per 1000
200 to 800	**$63.00**
1000 to 9,800	**59.00**
10,000 to 49,800	**55.00**
50,000 and UP	**51.00**

No. 60 6x10x2⅝ in. Packed 200 per case. Minimum order 200. 28 lbs. per case.

Quantity	Per 1000
200 to 800	**$65.00**
1000 to 9,800	**61.00**
10,000 to 49,800	**57.00**
50,000 and UP	**53.00**

Half Flat 10x12x2⅜ in. Packed 200 per case. Minimum order 200. 46 lbs. per case.

Quantity	Per 1000
200 to 400	**$110.00**
600 to 4,800	**100.00**
5,000 and UP	**90.00**

Glamour Paks

today's modern bedding plant containers

12 SIZES TO CHOOSE FROM

Model	Individual Container Size	Flat Size	Paks Per Case	1-9 Ctns. Per Case	1-9 Ctns. Per 1,000	10-24 Ctns. Per Case	10-24 Ctns. Per 1,000	25 Ctns. Up Per Case	25 Ctns. Up Per 1,000	Wt. Per Case
35TS8	3¾ x 5¼	10½ x 15	800	**22.40**	**28.00**	**20.40**	**25.50**	**18.40**	**23.00**	18 lbs.
46TS8	4¼ x 6¼	12⅝ x 17⅛	800	**27.20**	**34.00**	**24.80**	**31.00**	**22.40**	**28.00**	18 lbs.
55TS8	5³⁄₁₆ x 5¼	10½ x 20¾	800	**26.40**	**33.00**	**24.00**	**30.00**	**21.60**	**27.00**	20 lbs.
57TS6	5⅓ x 6⅝	13¼ x 16	600	**24.00**	**40.00**	**21.90**	**36.50**	**19.80**	**33.00**	18 lbs.
57TL6	5⅓ x 6⅝	10⅔ x 19⅞	600	**24.00**	**40.00**	**21.90**	**36.50**	**19.80**	**33.00**	18 lbs.
57TS8	5⅓ x 6⅝	13¼ x 21⅓	800	**32.00**	**40.00**	**29.20**	**36.50**	**26.40**	**33.00**	25 lbs.
58TS8	5 x 7	14 x 20	800	**31.60**	**39.50**	**28.80**	**36.00**	**26.00**	**32.50**	24 lbs.
66TS8	5½ x 5½	11 x 22	800	**28.00**	**35.00**	**25.60**	**32.00**	**23.20**	**29.00**	22 lbs.
68TS8	5½ x 7½	15 x 22	800	**35.60**	**44.50**	**32.40**	**40.50**	**29.20**	**36.50**	30 lbs.
69TL6	5⅞ x 7⅞	11¾ x 23⅝	600	**31.80**	**53.00**	**28.80**	**48.00**	**25.80**	**43.00**	25 lbs.
78TL4	6⅝ x 8	13¼ x 16	400	**26.40**	**66.00**	**24.00**	**60.00**	**21.60**	**54.00**	18 lbs.
817	7½ x 16½	Seed Flat	50	**15.80**	**316.00**	**14.40**	**288.00**	**13.00**	**260.00**	11 lbs.

All Prices Prepaid east of the Rocky Mountains. Add $2.50 per 1000 for delivery west of the Rocky Mountains.

WATERING EQUIPMENT

Proper equipment is necessary to grow good crops. Choose from our complete line of hose, cloth and accessories.

Ⓐ **5-715 CENTRO SPRAY SPRINKLER** complete with two nozzles fine and coarse. 8 oz. capacity.

	Postpaid
Each $1.20	$1.45
12 for $12.60	$13.25

Ⓑ **5-705A MODEL V-58 SHUT-OFF VALVE ¾" PIPE TO HOSE.** Shut off to full flow in ¼ turn. Machined from solid bar brass. For Greenhouses, Garages, etc.

	Postpaid
Each $1.50	$ 1.65
12 for $16.20	$17.00

5-7058 MODEL SO-75 SHUT OFF VALVE. ¾ INCH HOSE TO HOSE.

	Postpaid
Each $2.00	$ 2.15
12 for $21.60	$22.40

Ⓒ **5-708C FLAT SPRAY SPRINKLER.** Is preferred by growers and home owners; capacity seven gals. per minute.

	Postpaid
Each $1.50	$1.65
3 for $3.75	$4.00

Ⓓ **5-722 NO. 400 WATER BREAKER.** This breaker is the answer to the florist's problem for an all-purpose watering gadget. It will do most any watering job. This breaker has 400 ⅛ inch holes in it. The four hundred tiny streams of water are concentrated in a small area, consequently speeding your watering job. ¾-inch connection.

	Postpaid
Each $1.45	$1.60
3 for $4.20	$4.50

5-722A NO. 170 WATER BREAKER. Made like the Dramm 400 Water Breaker except it is small and has only 170 holes. Ideal for pot plants and small seedlings. ¾" connection.

	Postpaid
Each $1.35	$1.50
3 for $3.90	$4.20

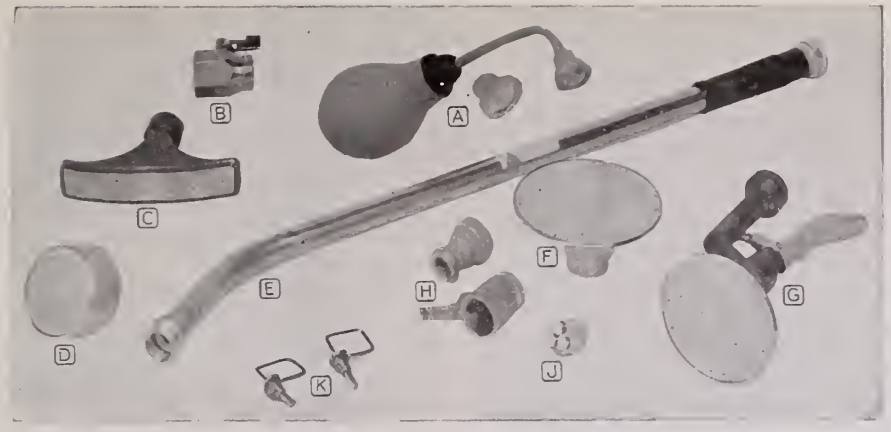
Ⓔ **5-723A 24 INCH ALUMINUM EXTENSION HANDLES FOR NO. 400 WATER BREAKER.** Model 124G with plastic grip. Enables you to water in hard to reach areas.

	Postpaid
Each $1.90	$2.15
3 for $4.75	$5.15

Ⓕ **5-738 HOTHOUSE STAMPED BRASS SPRINKLER.** All brass, distributes water evenly; ¾ inch connection.

3-in. Face:	Postpaid
Each $1.10	$ 1.25
10 for $8.75	$ 9.25
4-in. Face:	**Postpaid**
Each $1.40	$ 1.55
10 for $12.60	$13.10

Ⓖ **5-720 SMITH AQUAMATIC SHUT-OFF.** ¾ in. hose connection, as shown above. Figure 74 and 70, for $4.95; postpaid $5.45.



Ⓗ **5-792 IMPROVED EVER-TIGHT HOSE COUPLING.** No more waste of time, just press the lever, instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Die cast, sturdy, long-lasting.

Complete, Doz.	$9.75
Each $1.00.	
Faucet End, Doz.	$4.80
Each $ .45.	
Hose End, Doz.	$5.80
Each $ .55.	

Ⓙ **5-725 FOGG-IT NOZZLE.** Garden fog nozzle breaks water into a fine mist of a fog-like spray for watering seed beds, new plantings, newly-seeded lawns, young plants, and all tender plants. Works efficiently with high or low water pressures on any standard garden hose. Will not wash away seeds, soil, or fertilizer. Has ¾" connection. Available in 1 gallon per minute (Superfine) 2½ gallon (low volume); 5 gallon (high volume); **Specify model.**

	Postpaid
ea. $2.50	$2.60
3 for $7.00	$7.25

Ⓚ **MISTER 100 NOZZLES.** Here is the finest mist propagation nozzle ever developed. Wide coverage. Flat plane of mist. Also has many other applications. Nozzle has 5/16/24 thread. Space 3-ft. apart in drilled and tapped holes in ¾ or 1" pipe. Made of solid Brass.

Less than 100	Ea. $1.00
100 to 249	Ea. .75
250 to 499	Ea. .70
500 up	Ea. .65

Size of Pipe	Solenoid Valves	Line Strainers
½"	$25.00	$ 8.00
¾"	30.00	10.00
1"	—	14.00
1¼"	35.00	18.00

24-hour Timers for on-and-off operation of fast cycling Timer any hour of day..... Ea. $34.95

No order will be charged to open account for an amount less than $5.00. Please send cash with orders for less than $5.00.

Prices in this catalog are subject to change without notice.

GREENHOUSE HOSE

5-765 VAUGHAN'S RUBBER LIGHTWEIGHT GREENHOUSE HOSE—¾" inside diameter with 2 braids of tough rayon reinforcement—An ideal flexible hose that coils and drags easily—Has a tough abrasion resistant red smooth cover, and will withstand pressures up to 150 P.S.I.—Can be furnished in any length with heavy cast brass couplings attached. Per foot 33c, couplings per pair $1.00

5-1812 FP RED PLASTIC HOSE. ¾" inside diam. This hose is designed specifically for the greenhouse and nursery. This hose is very flexible. Will not get stiff when the weather gets cold. Easy to handle. Can be furnished in any length.

Per foot	$0.31
Full flow couplings per pair	$2.50

WINDSOR BLACK SHADE CLOTH

Here's what the WINDSOR Label Style 258 or 575 means to you:

1. Fine long fiber shrink-resistant virgin cotton cloth.
2. Sure-fast fade-resistant jet black aniline dye.
3. Tight weave with minimum light penetration. (.001%-tested by Electrical Testing Laboratory, N.Y.C.
4. Each seam sewn with *The Windsor Safety Stitch,* two separate and distinct lines of weather-resistant safety-thread. This is your added insurance for light-proof seams.
5. Extra years of use—reducing your actual cost.

Available in 36 inch width. CAN BE SEWED TO ANY WIDTH IN MULTIPLES OF 18 INCH WIDTHS.

5-1805 MODEL 575. A heavier cloth designed for indoor shading on a year-round program as it cuts out 100% of all light. Recommended especially by universities and experimental stations for off-season growing where total exclusion of light is essential. Otherwise same as MODEL 258.

Prices per sq. yd.	Unsewed	Sewed
	.54½	.56½

5-1804 MODEL 258. For shading early chrysanthemums during the normal summer growing season in greenhouses, cloth houses, or outside, as it will bring your blooms in on schedule. Ideal for **outdoor** or **indoor** shading as it will allow the rain to penetrate and not lie in pools on top. Guaranteed fast black, closely woven, treated and pre-shrunk to produce 99% darkness. Otherwise same as MODEL 575.

Prices per sq. yd.	Unsewed	Sewed
	$0.63	$0.65

CHAPIN AUTOMATIC WATERING EQUIPMENT

SET IT—

FORGET IT!

Capacity 1600 Pots

EV2 WATERMATIC CONTROL

The only labor involved in watering an entire range of potted plants is turning on the WATERMATIC controls, leaving them to do the work for you. Your present volume of water supply is no problem; you simply choose the size Solenoid Valve that fits your water supply. Electric control for automatic shut-off..... **$17.95** each

Complete package including EV2, wire, transformer with ¾" Solenoid for 1600 pots..... **$45.93**
with 1¼" Solenoid for 4400 pots..... **$56.63**

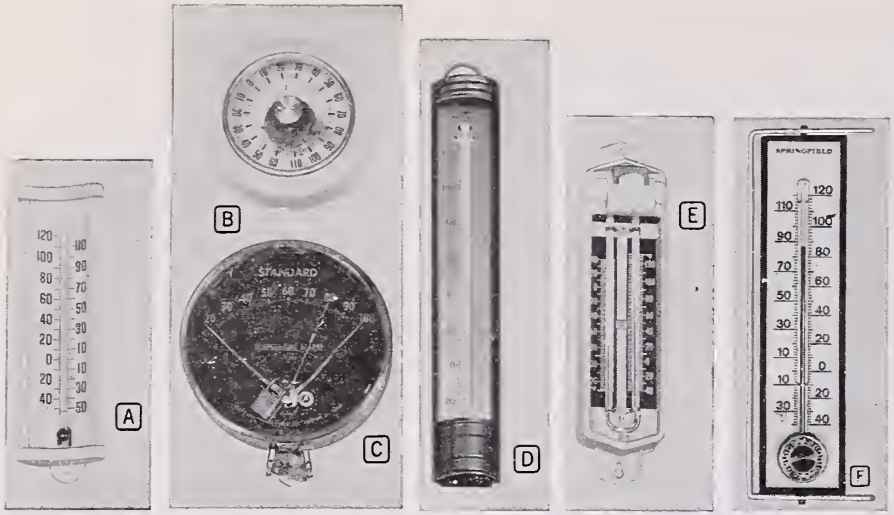
MOIST-SCALE

Completely automatic, the Moist-Scale turns the system on-off and maintains accurate soil moisture conditions..... only **$24.50** each

COMPLETE CONTROL PACKAGE

MOIST-SCALE, transformer, and wire
with ¾" solenoid for 1600 pots..... **$52.48**
with 1¼" solenoid for 4400 pots..... **63.18**

Chapin Watermatic Equipment is finding its way into more greenhouses each year. The Labor saving advantages alone pay for the equipment in short order. There are many systems to choose from. One can be designed to meet your needs. Choose from Add-A Header, Long-Header or Custom. See your Vaughan salesman or Write directly to us. We will be glad to assist you. Write for pamphlet.



THERMOMETERS

Ⓐ **5-101 TAYLOR UTILITY GREENHOUSE THERMOMETER.** Model 5132. Easy reading 8½" x 2" white enameled scale with baked in numerals and graduation. Red liquid filled tube, magnifying lens. Each $1.69; 6 for $9.30; 12 or more each $1.50.

Ⓑ **5-104 TAYLOR DIAL MAXIMUM AND MINIMUM THERMOMETER.** Model No. 5321. Set in waterproof plastic case 4¾ in. x 1 in. Will register lowest, highest and present temperatures. Can easily be reset. Each $8.50; 3 for $24.00.

Ⓒ **5-110 STANDARD TEMPERATURE ALARM.** The six-inch, easy-to-read dial is finished with bright green numbers against a black background. Scale 20°—100° F. The temperature-indicating hand and the control hands, showing the maximum and minimum limits are finished in a bright orange. These control hands are easily adjusted by the setting knob, and this knob may then be locked, preventing tampering or changing warning limits. Price does not include batteries, bell or wire. Each, $22.50 Postpaid.

Ⓓ **5-109 TAYLOR TIN CASE.** Model 5400S Standard grade (tested). 12 inches. Guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnified easy reading tube. Each $4.50; 3 for $12.00; 12 or more each $3.75.

Ⓔ **5-106 TAYLOR MAXIMUM AND MINIMUM** Self Registering Therm. Floating steel discs show present temperature, plus highest and lowest since last resetting. Reset with a magnet. Shipped via express only. No. 5458 with magnet. 10 in. Each $12.00; 3 or more each $10.00.

Ⓕ **New Easy READER THERMOMETER.** This Thermometer is all plastic except for the tube. Will not rust. Unit comes with mounting bracket. Can be used inside or out. Each, $1.00; 6 for $5.40.

Minimum order for supplies is $5.00. To continue the fine service and completeness of stock, we ask your cooperation in making your order for supplies a minimum of $5.00

ELECTRIC SOIL CABLE. Here's an economical, plastic-coated heating cable which can be "planted" in window box, hotbed or flat. It is strung in loops, 4" to 6" below the surface of the soil. A wire mesh screen, laid in between, guards against troweling through it. These Soil Cables plug into any 110V.-120V. AC outlet; UL-approved 3' cord and plug are attached. Connections are waterproof, sealed to last. A pre-set, automatic **soil** thermostat is built right in . . . to maintain **growing** temperature at a uniform 70°. Current shuts off automatically when soil is just right for accelerating the growth of seeds, sprout bulbs, root cuttings, flowers or vegetables.

Cat. Nc.	Model No.	
S-156A	EZ-SC-36—114 watts—36 feet long. For hotbed 38"x42"	$4.75
S-156B	EZ-SC-48—160 watts—48 feet long. For single sash hotbed. 3 x 6 ft.	5.75
S-156C	EZ-SC-6—21 watts—6 ft. cable. For ordinary flat of 1½ sq. ft. (12" x 18")	3.00
S-156D	EZ-SC-80—280 watt—80 ft. long. Suitable for a double sash bed. For larger beds order additional cables	8.75
S-156E	EZ-SC-120—The cable is 120 ft. long Total watts 420. Ideal for large areas	11.00

For faster service, please send your order to warehouse nearest to you: Downers Grove, Ill. or Bound Brook, N.J.

GENERAL ELECTRIC SOIL HEATING Ⓙ SETS, CABLES AND CONTROLS

A General Electric heating cable set, buried in the soil, keeps the soil at the ideal temperature for germination and the early growth stages. Resulting plants can be set out far earlier, and are more quickly ready for market.

In greenhouses, G-E heating cable sets are often used for supplementary heating. By maintaining the soil temperature 15 to 20°F. above the air temperature in the greenhouse, they provide ideal growing conditions with reduced load on the general heating system.

S-158C SOIL HEATING SETS.

Set No. 1 contains 1 HSC-4 thermostat and 30 ft. cable. Thermostat is rated 15 amp. for 110 volt AC only. Price each $13.50.

Set No. 2 contains 1 HSC-4 thermostat and 60 ft. cable. Price each $18.75.

Set No. 3 contains 1 HSC-5 thermostat and 60 ft. lead cable. Thermostat is rated 25 amp. up to 230 volt AC only. Price each $25.00.

Set No. 4 contains 1 HSC-5 thermostat and 120 ft. lead cable. Price each $39.25.

Sets No. 1 and 2 will control one or two 60 ft. cables or up to six 30 ft. cables. Sets No 3 and 4 will control up to four 60 ft. or 120 ft. cables.

S-158B LEAD SHEATHED CABLES.

One 30 ft. lead cable (110 volt, 180 watt) heats 18 sq. ft. of bench area.

One 60 ft. lead cable (110 volt, 400 watt) heats 36 sq. ft. of bench area.

One 120 ft. lead cable (220 volt, 800 watt) heats 72 sq. ft. of bench area.

Extra 30 ft. lead cable, each $7.25.

Extra 60 ft. lead cable, each $12.50.

Extra 120 ft. lead cable, each $26.75.

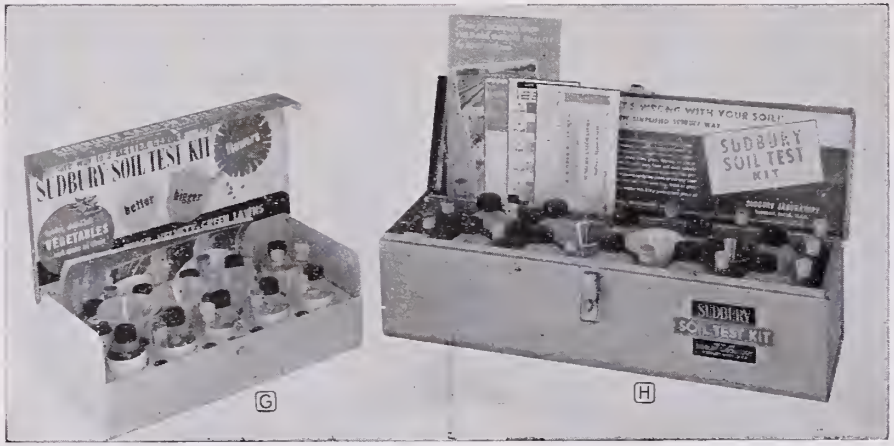
S-158A THERMOSTATS ONLY

Thermostat controls are used with heating cable to maintain desired temperature and to minimize power consumption. They should not be used for roof or driveway de-icing.

Model HSC4 . . . . . Each **$6.25**

Model HSCS . . . . . Each **11.75**

NOTE: Bottom heat from heat cables have proven effective in adding seed germination. Try them this season.



Ⓖ **5-634 THE SUDBURY ESTATE MODEL F HORTICULTURAL SOIL TEST KIT.** Decorator design showing flowers and vegetables in natural colors gives sales appeal to this new Kit. Makes approximately 100 tests. Handsome, streamlined, steel container with carrying handle. Helpful charts showing needs of lawn grasses, flowers, shrubs, vegetables and farm crops. The Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Each **$17.75** collect.

TEST YOUR SOIL IT PAYS

Ⓗ **5-633 THE SUDBURY MODEL A DELUXE PROFESSIONAL MODEL SOIL TEST KIT.** Our Finest Equipment. Widely used by greenhouses, nurseries, government departments, and thousands of enthusiastic amateur gardeners. Makes approximately 200 individual tests for nitrogen, phosphorus, potash and acidity. Cased in handsome steel. Price complete with instructions **$32.00** via express collect.

REFILLS FOR SOIL TEST KITS 5-638A LIME—For acidity. When ordering, it requires **5-638B** for No. 2 and **5-638C** for No. 3 to make Nitrogen Tests. **5-638D** for No. 4 and **5-638E** for No. 5 for Phosphorus Tests and **5-638F** for No. 6 and **5-638G** for No. 7 to make Potash Tests, therefore when ordering, please order two numbers. 2 oz. bottle, each **$1.35;** postpaid **$1.50;** 6 for **$5.40;** 6 oz. bottle, each **$3.00;** postpaid **$3.25;** 6 for **$15.00** plus postage.

Ⓐ ALL STEEL FLOWER and PLANT BOXES

Green enamel finish. They're heavy-duty steel, beautifully embossed with a floral leaf design. Features a built-in drainage plate. Rolled edges (over heavy steel wire) make these boxes extremely sturdy. They're perfect for indoor or outdoor use. Nested to save storage space. 7⅝" wide by 5 inches deep. **We do not split cartons.**

Cat. No.	Size	Packed	Wt. per ctn.	Dealers Cost per ctn.
S-822	18"	12	22 lbs.	**$7.50**
	24"	12	25 lbs.	**8.80**
	30"	6	16 lbs.	**5.60**
	36"	6	19 lbs.	**7.20**

Ⓑ PLASTIC PLANT BOXES

This super quality, heavy duty planter sells on sight. Smart scalloped design, sleek styling . . . it wipes clean with a dry cloth! Leakproof, Shatterproof, for indoor & outdoor use.

Magnificent new Marbletone Plastic with that eye-catching classic look, in fast selling Sunburst Shades, Gold & Green, Gold & White, or Caramel. F.O.B. Downers Grove, Bond Brook, N.Y.

Model No.	Size	Packaged for Shipping	Shipping Wt. (6)	Per Case
MT-18	5"x6¾"x18"	6 Asst. to Ct.	5½ lbs.	**$4.50**
MT-24	5"x6¾"x24"	6 Asst. to Ct.	8½ lbs.	**6.30**
MT-30	5"x6¾"x30"	6 Asst. to Ct.	11 lbs.	**9.00**
MT-36	5"x6¾"x36"	6 Asst. to Ct.	15 lbs.	**9.90**

Ⓒ Mexican Fernwood Totem Poles

Size	Sold in case lots only Packed	F.O.B. Brownsville, Texas Per Case	F.O.B. Downers Grove Per Case
1 x1 x12	288	$17.38	$19.96
1 x1 x16	144	11.98	13.77
1½x1½x16	64	5.86	6.73
1½x1½x18	64	9.25	10.63
2 x2 x18	36	7.23	8.31
2 x2 x24	36	9.98	11.48
2 x2 x30	36	13.96	16.05
2 x2 x36	36	15.96	18.55
2 x2 x48	36	23.86	27.33
3 x3 x48	12	13.35	15.35

Ⓓ S-1723 REDWOOD TAPERED OCTAGONAL PLANT TUBS

Only the finest quality Redwood, satin brass and finish materials are combined with high style design and expert craftsmanship to produce.

For utility and Beauty in any garden. Rounded top and bottom edges to prevent splintering. Made of well seasoned California redwood. Bound with brass hands. Ventilation under tub.

Model	Inside Dimensions	Packed	Wt. per ctn.	Prices Per Ea.	Per Ctn.	Retail
O-8	8x 8x 5¾ H	3	7	**$2.00**	**$ 5.40**	$ 2.98
O-10	10x10x 7 H	3	10	**2.35**	**6.45**	3.59
O-12	12x12x 9 H	3	15	**3.10**	**8.40**	4.69
O-14	14x14x11 H	3	21	**3.85**	**10.50**	5.79
O-16	16x16x13 H	3	27	**5.05**	**13.80**	7.69
O-18	18x18x15 H	3	33	**5.90**	**16.20**	8.98
O-21	21x21x18 H	2	33	**7.90**	**14.40**	11.98
O-24	24x24x21 H	2	41	**9.90**	**18.00**	14.98

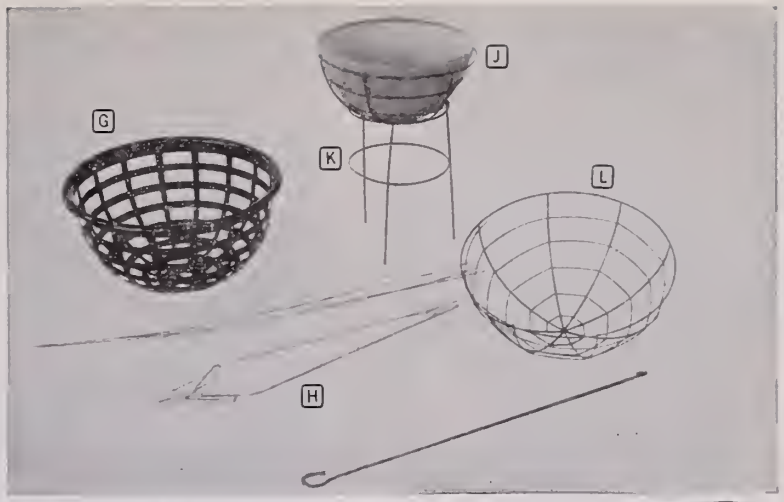
Ⓔ **PLANTER COASTER BASE (3 sizes).** A must for best results and display of "Plantuhs." Matching Redwood mounted on Brass and Lucite casters. Displays plants better, and facilities easy movement for cleaning, etc. Put up in 3 sizes, (12x12x4, and 14x 14x4 are indoor coasters with plastic drip howl.) (18x18x4 is an outdoor planter without plastic drip howl.)

Cat. No.	Size	Packed	Wt.	Cost
S-1724	12 in.	1	3 lbs.	**$2.40**
	14 in.	1	4 lbs.	**2.95**
	18 in.	1	6 lbs.	**3.10**

Ⓕ S-1722 WOOD FLOWER TUBS

Securely bound with welded wire hoops. Nicely finished in best green oil paint. Florists find them ready sellers—a substantial yet attractive tub of moderate price. 12 assorted size tubs take dozen rate.

Inside Dimensions	Wt. Each	Price Each	Per Doz.
7 in. x 7 in.....	1½	$1.70	$19.40
8 in. x 8 in.....	2	1.85	21.10
10 in. x 9 in.....	3	2.30	26.20
12 in. x 11 in.....	4	3.40	38.75
14 in. x 13 in.....	6	5.30	60.40
16 in. x 15 in.....	8	6.25	71.25
18 in. x 17 in.....	12½	9.20	104.90



Ⓖ **PLASTIC HANGING BASKETS.** The basket is 8 and 13 inches in diameter and comes complete with Brass Chain for hanging. Made of durable polyethylene and will not crack, splinter or peel. Unaffected by soil, fertilizer, or temperature. Available in: White, Yellow, Green, Charcoal. **Specify color when ordering.** Asst. Pack—3 each of above 4 colors.

Cat. No.	Size	Packed	Wt.	Per Doz.
S-1881	13"	12	8 lbs.	**$10.80**
	8"	12	4 lbs.	**7.20**

Ⓗ **S-996 WIRE POT HANGERS.** Increase your growing space by hanging plants from purlins and other overhead pipes. Hanger will not slip off pot. For eight clay pots or plastic pots. Also ideal to sell hanging basket begonias, vines and other plants.

18 inch. Per 100..... **$18.00**
24 inch. Per 100..... **24.00**

Ⓙ **GREEN PAPIER MACHE LINER.** For Lawn Vases and Wire Baskets.

Cat. No.	Size	Packed	Wt.	Packed 24
S-1880B	8"	24	9 lbs.	**$ 4.90**
	10"	24	10 lbs.	**6.20**
	12"	24	12 lbs.	**7.92**
	14"	24	18 lbs.	**11.52**

Ⓚ **WIRE LAWN VASE.** Ideal for Patio or Lawn.

Cat. No.	Size	Packed	Wt.	Dealers
S-1880A	10"	6	4 lbs.	**$4.68**
	12"	6	5 lbs.	**5.58**
	14"	6	6 lbs.	**5.94**

Ⓛ **S-992 WIRE HANGING BASKETS WITH HANGERS.** Sturdily built for long service. Painted green. Packed 10 to a hundle. **We do not split bundles.**

8 inch.....Price per 10 baskets $5.50
10 inch.....Price per 10 baskets 6.00
12 inch.....Price per 10 baskets 7.00
14 inch.....Price per 10 baskets 8.00
16 inch.....Price per 10 baskets 10.00

S-1750 SHEET MOSS GREEN, Extra fancy large sacks for Windows, Baskets, etc. Per sack, $3.50; 3 sacks, $10.00.

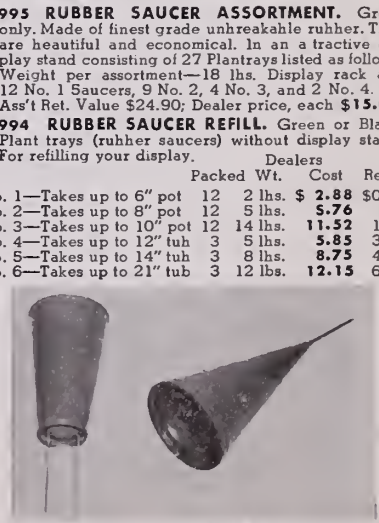
CONE SHAPED CEMETERY VASE

S-835A No. 4. 9½ in. deep, 5 in. in diameter at top. Stem or spike is 3 in. long, made of No. 9 gauge steel. Packed 3 doz. to carton, price per carton, $6.00, per gross, $22.50. Weight per carton, 10 lbs.

S-995 RUBBER SAUCER ASSORTMENT. Green only. Made of finest grade unbreakable rubber. They are beautiful and economical. In an attractive display stand consisting of 27 Plantrays listed as follows. Weight per assortment—18 lbs. Display rack and 12 No. 1 Saucers, 9 No. 2, 4 No. 3, and 2 No. 4. Per Ass't Ret. Value $24.90; Dealer price, each **$15.00.**

S-994 RUBBER SAUCER REFILL. Green or Black. Plant trays (rubber saucers) without display stand. For refilling your display.

	Packed	Wt.	Dealers Cost	Retail
No. 1—Takes up to 6" pot	12	2 lbs.	**$ 2.88**	$0.40
No. 2—Takes up to 8" pot	12	5 lbs.	**5.76**	.80
No. 3—Takes up to 10" pot	12	14 lbs.	**11.52**	1.60
No. 4—Takes up to 12" tub	3	5 lbs.	**5.85**	3.20
No. 5—Takes up to 14" tub	3	8 lbs.	**8.75**	4.75
No. 6—Takes up to 21" tub	3	12 lbs.	**12.15**	6.75



FLAT BOTTOM CEMETERY VASE

S-8358 No. 2A. Detachable stem. Packed 3 doz. to carton. Price per carton, $5.80; gross, $21.60. Weight per carton, 11 lbs.

LUMITE® Saran Shade Fabrics

Saran is subject to permanent shrinkage from the heat and sun. Do not install LUMITE too tightly and allow approximately 3% for shrinkage in calculating your measurements lengthwise. If LUMITE is installed with a little sag at the time of installation, it will shrink to a nice smooth cover within two to four months. In addition, saran fibers are self-extinguishing. When exposed to flame, they will soften and char but will not support combustion. The flameproof properties of saran conform to the standards set forth under the Flammable Fabrics Act.

If installed as outside shade where snow and ice occurs, remove or roll up LUMITE on frame during winter months to prevent damage to supporting structure.

All prices prepaid within continental U.S. Service Charge of $5.00 per order on all orders under $50.00

S-1904 LUMITE® SARAN SHADE FABRICS. This shade Fabric can be used both inside the greenhouse or outdoors. Saran works very well where a permament shade is desired. The modern fabric with endless uses.

FABRIC NUMBER	COLOR	ACTUAL SHADE	STANDARD WIDTHS															BASIC PRICE Per Sq. Ft. Up To 1,000 S. Ft
			5	6	6⅔	10	12	12⅔	13⅓	15	16	17	18	18⅔	19⅓	20	24	
5180102	Green	30%		X	X		X	X	X				X	X	X	X		$.04¾
5180302	Green	47%		X	X		X	X	X				X	X	X	X		.05¼
5180502	Green	55%		X	X		X	X	X				X	X	X	X		.05¾
5180602	Green	63%		X	X		X	X	X				X	X	X	X		.06½
5180702	Green	92%	X	X		X	X			X	X	X	X			X		.10
5180902	Green	73%		X	X		X	X	X				X	X	X	X		.08¼
5181000	Natural	6%		X	X		X	X	X				X	X	X	X		.05½
5181200	Natural	40%	X	X		X	X			X	X	X	X			X		.13½
5181202	Green	94%		X			X						X				X	.11½
5181212	Green	78%		X			X						X				X	.13½
5181702	Green	80%		X	X		X	X	X				X	X	X	X		.09
5182100	Natural	20%		X			X						X				X	.07¼
5182102	Green	43%		X			X						X				X	.07¼

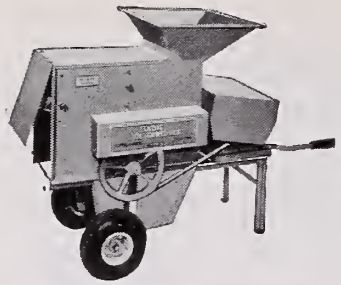
SPECIAL FABRICATION AND SUPPLIES

Furnishing non-standard widths (thru 40' wide)..... **Add ½c/Sq. Ft. to basic price**
Furnishing non-standard widths (above 40' wide to 100' max.)..... **Add ¾c/Sq. Ft. to basic price**
Sewing reinforcing tape to edges or in body of panel..... **9c linear/ foot of tape**
No. 2 grommets (5/16" hole) installed in taped edges (to your specified spacing)..... **3c each**
No. 5 grommets (5/8" hole) installed in taped edges (to your specified spacing)..... **6c each**
Special fabrication other than listed above—write us details and we will quote.
"S" hooks (used with tape and grommets)..... **5c each**
Heavy nylon thread (for lacing cloth to wires, etc.)..... **$12.00/spool (1,000 yds.)**
Burlap needle for sewing or lacing..... **20c each**
Shade clip installing tool..... **$11.00/each**
Shade clip removal tool..... **$5.00 each**
No. 93 shade clips (for clipping cloth to no. 6 through no. 12 wire)..... **$6.00/100**
No. 94 shade clips (for clipping cloth to no. 6 through ¼" wire)..... **$6.00/100**
Special clips for clipping cloth to 5/16" cable or wire..... **$6.75/100**
Plastic clothes line (for lacing taped and grommeted panels to frame)..... **$3.50/coil (200 ft. coils)**
2¾" saran tape in 100 yard rolls..... **$8.00/roll**

NOTE: All our fabrics are woven approximately 72" or 80" wide or both and widths above these are made by sewing multiples of these widths together.

QUANTITY DISCOUNTS

If total order is less than 1,000 square feet..... **No discount**
If total order is between 1,000 and 10,000 square feet..... **10% discount on entire order**
If total order is between 10,000 and 50,000 square feet..... **15% discount on entire order**
If total order is 50,000 square feet or more..... **20% discount on entire order**



LINDIG SOIL SHREDDERS

Semi-pneumatic rubber-tired wheels are now standard equipment on all models.

FOB St. Paul, Minn.

S-1822 MODEL JR-B. Feeding Hopper size 15x15 in., with 15 shredding blades, and 4 stationary blades. Price without motor, $120.00, with ½ h.p. electric motor, $170.00, with 2 h.p. Gas engine with clutch $170.00.

S-1824 MODEL 1B-4. Feeder hopper size 16x18 in., shredding rotor assembly 8½ in. wide, with 4 shredding blades on each bar, with 3 stationary blades. Price without motor, $170.00; with ¾ H.P. electric motor, $250.00, with 4 H.P. Gas Engine, and Automatic Clutch, $237.50.

S-1825 MODEL 1B-6. Same as model 1B-4, except that it has 6 shredding blades on each bar, with 5 stationary blades. Price without motor, $180.00; with ¾ H.P. electric motor, $260.00; with 4 H.P. Gas Engine and Automatic Clutch, $247.50.

S-1828 Screening Attachments:
Type B Screener for Model 1B-4 and 1B-6... **$65.00**
(Note) Other sizes are available. Write for brochure.

KEMP SOIL AND COMPOST SHREDDERS

F.O.B. ERIE PENNA.

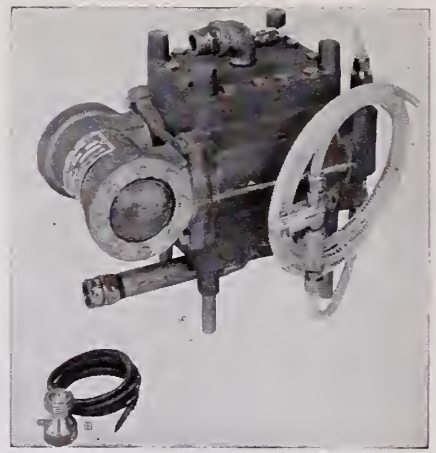
2 Rubber Tires standard equipment.

MODEL No. 6. Designed and engineered for long life. Used by: florists, nurserymen, landscape architects golf clubs, cemeteries, parks, soil companies, professional growers. The capacity is 3 to 6 cubic yards per hour. This popular model can be taken right to the job, as it is designed to move easily between benches . . . a definite advantage, since the KEMP principle with VARIABLE Adjustment produces just the right texture of shredded and aerated soil for each particular job. The KEMP No. 6 is powered by a ¾ h.p. heavy duty electric motor or 3 h.p. gas engine. It is 48" long, 22" wide, 36" high at the hopper, and 33" high at the discharge end. The approximate shipping weight is 200 pounds.

With 3 HP Gas Engine..... **$204.00**
With ½ HP Heavy Duty Elec. Motor, 1750 rpm, 3' cord..... **208.00**
With ¾ HP Heavy Duty Elec. Motor, 1750 rpm, 3' cord..... **225.00**
Without Engine or Motor..... **156.00**

Write for pamphlet and prices on other models, also organic shredders.

THE KEMP GUARANTEE: KEMP shredders are guaranteed to be first-class in material and workmanship. Any part found faulty due to either reason within one year of date of purchase, will be replaced, free of charge.



Ⓐ FERTILIZER-WATER MIXER FOR GREENHOUSE

SMITH MEASURE-MIX. A precision built water motor connected to injector pump powered by flow of water which accurately dispenses liquid fertilizer or other chemicals into water passing through and operating the machine. Tested by many large operators and proved to be efficient. Water intake is beneath, discharge on top. No oil, greasing or adjusting required. Needs no outside connections. Circular describing operation free on request.

S-1834 R3 machine, has ¾-inch pipe connections fitted with ¾-inch hose thread adaptors, mix 1 part fertilizer to 100 parts water. F.O.B. Pasadena, Cal.

Prices and Options for Model R-3

Option	Description	Price
A	Std. stainless steel Circle-seal check valve	$350.00
B	Stainless steel rubber check valves	350.00
C	Stainless steel Double-ball check valves	375.00

Ⓑ HOZON FERTILIZER APPLICATOR

S-797 Fertilize through your hose. Mixes the right amount of ammonium sulphate, nitrate of soda, potash or any soluble fertilizer with the water. One end screws into the faucet, the other end takes the hose, the small tube drops into the bucket of fertilizer. Each $1.65; postpaid, $1.80. 6 for $9.00; postpaid, $9.35.

S-1420 RA-PID-GRO. The foliage Plant Food. Analysis 23-21-17 with Minor Elements, Vitamins and Growth Hormones. Good for all crops.

10 lbs..... Each $5.90
25 lbs..... Each 13.50
50 lbs..... Each 25.20

S-970 IRON CHELATE SEQUESTRENE 330 FE. Contains 10.5% iron as metallic. For use on alkaline or slightly acid soils. May be applied as soil treatment or as foliage spray. 1 lb. for $2.50; 5 lb. pkg. for $7.20.

Dependable Fertilizers for Wise Growers

VAUGHAN'S INSTANT GLAMOUR SUPER SOLUBLE PLANT FOODS

NEW! Now Vaughan's own brand of completely soluble plant foods tailored for the needs of specific crops.

Manufactured from only the higbest grade ingredients carefully blended to include all accepted secondary and trace elements. Completely chelated.

They are compatible with all insecticides and fungicides and are non-corrosive to equipment and lines employed in application. Adequately colored. 50 lb. drums only.

ANALYSIS	Prices per Pound 50 to 100 Lbs.	100 to 999 Lbs.	1000 to 1999 Lbs.
20-20-20	$0.30	$0.26	$0.25
15-30-15	.30	.26	.25
25-0-25	.28	.24	.23
25-10-10	.30	.26	.25

300 lbs. or more shipped freigbt prepaid to any point in tbe U.S. (Hawaii and Alaska excepted). Orders less tban 300 lbs. shipped freigbt cbarges collect.

VAUGHAN'S INSTANT GLAMOUR Now in small sizes. Dependable 19-28-17 formulation. Designed to provide specialized feeding for all crops. Use indoors or out. 1 lb. canister $1.00, dozen $9.00; 2 lb. $2.00, dozen $18.00; 5 lb. $4.00, 6 for $17.10.

BONE MEAL (2-22-0) Standard ground. Steamed to increase its availability. Especially recommended for tulips, gladiolus, otber bulbs and all root crops. 5 lb. 85c, case of 12 $7.20; 10 lb. $1.50, case of 6 $6.90; 25 lb. $3.00, dozen for $24.50.

SULPHATE OF AMMONIA (20-0-0) Crystal grade. An all nitrogen fertilizer. Aids in producing exceptional quantities of leafy growth. 5 lb. 85c, case of 12 $6.12.

SUPER PHOSPHATE (0-20-0) Invaluable in starting Roses and many other plants. 5 lb. 85c, case of 12 $6.12.

KAPCO SOLUBLE FERTILIZERS. Consist of water soluble crystals containing a higb concentration of the primary and secondary elements required to sustain plant life. When crystals are dissolved in water the solution is then a complete liquid fertilizer.

	Price Per Pound in 50 lb. Containers 50-299 Lbs.	300-999 Lbs.	1000-1999 Lbs.	2000 Lbs. and up
20-20-20 with Cbelated Concentrate	$.27	$.23	$.22	$.21
9-45-15 with Cbelated Concentrate **(START-L-IZER)**	.31	.27	.26	.25
15-30-15 with Cbelated Concentrate **(PLANT-L-IZER)**	.27	.23	.22	.21
20-5-30 with Chelated Concentrate	.25	.21	.20	.19
24-12-12 with Cbelated Concentrate **(LAWN-L-IZER)**	.31	.27	.26	.25
30-10-10 with Cbelated Concentrate **(AZALEA ACID-50)**	.31	.27	.26	.25
25-0-25 with Cbelated Concentrate	.23	.19	.18	.17
12-24-24 with Cbelated Concentrate	.25	.21	.20	.19
CHELATED CONCENTRATE 6.0% Iron, 9.0% Manganese, 3.0% Copper, 3.0% Zinc, 2.0% Boron, 0.5% Molybdenum, and 0.4% Magnesium.	.56	.52	.51	.50

In lots of 300 lbs. or over, Kapco Fertilizers, are Prepaid anywbere in tbe U.S. except Alaska and Hawaii. Packed in 50 lb. size only.

PETERS SPECIAL SOLUBLE FERTILIZER with M77 chelating Formula, assures availability to the plants of all elements primary, minor and trace. At normal rates tbe solution is crystal clear and 100% soluble.

	25 to 75 Lbs.	100 to 975 Lbs.	1000 to 1975 Lbs.
15-15-15 16-4-12 21-7-7 20-5-30 25-10-10	.28 Lb	.24 Lb.	.23 Lb.
9-45-15 10-30-20 15-10-30 15-30-15 20-20-20 24-12-18 25- 5-20 25-10-15 30-10-10	.30 Lb.	26 Lb.	.25 Lb.

Freigbt prepaid in tbe continental United States on all orders of 300 lbs. or more. West of the Mississippi add .03 per lb. Orders less tban 300 lbs. shipped freigbt cbarges collect.

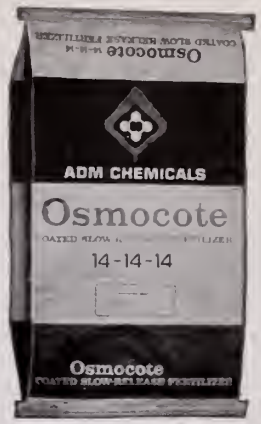
Packed in 25 lb. bags only—sbipped from Allentown, Pa. Can not be combined with otber goods shipped from Chicago area warehouse.

MURIATE OF POTASH (0-0-60) An aid in producing bardiness in stems and stalks. Essential for general vigor and disease resistance. 5 lb. 85c, case of 12 $6.12.

VAUGHAN'S EVERGREEN FOOD (10-8-6). A specific food tailored for all evergreens, ornamentals, bedges, trees and vines. A 50% organic, higb analysis food.

VAUGHAN'S ROSE & PLANT FOOD (10-6-4). A long lasting plant food containing over 50% organics. Tailor made to start feeding fast and to continue feeding over a long period. Contains Dried Blood & Trace Elements.

	Size	Packed	Wt.	Cost	Retail
Prices, other information at right apply to both Evergreen and Rose Food.	5 lbs.	12	65 lbs.	**$6.95**	$.95
	10 lbs.	6	62 lbs.	**6.15**	1.65
	25 lbs.	12	312 lbs.	**23.90**	3.25



OSMOCOTE

FUNCTION OF THE COATING. Osmocote fertilizer consists of granules, of essential plant food content whicb bave been enclosed with a semi-porous resinous membrane. Water-soluble plant food such as nitrogen, pbosphorous, and potasb are dissolved as water gradually enters the capsule. An imbalance between the salts solution in the capsule and tbe surrounding water-moist soil establisbes diffusion-by-osmosis, and the plant food seeps out of the capsule at a predetermined rate and solution.

SLOW-RELEASE DURABILITY. All fertilizers depend upon the presence of moisture in order to release their nutrients. Liquid fertilizer, being completely in solution, represents one extreme while Osmocote represents the opposite. The protective coating sbelters the granules and regulates tbe amount of moisture whicb can dissolve tbe solid granules. Where moisture levels can be controlled, as in irrigation, the effective release rate can be extended as long as six months. In all cases, individual soil, climates, and seasonal conditions will require specific variations in tecbnique.

Incorporoted in Soil Pre-Mix. For general floriculture, mix Osmocote at the rates given below. Plants that are particularly sensitive to conventional fertilizer sbould receive Osmocote at balf tbe recommended rates.

Container Volume	Osmocote 14-14-14	Osmocote 18-9-9
Six-inch pot	One level teaspoon	One level teaspoon
Busbel	5.5 oz. (wt)	4.5 oz. (wt)
Cubic yard	7.0 lbs. (wt)	5.5 lbs. (wt)

Surfoce Applied. If plants are in soil and cannot be disturbed, use Osmocote at tbe rates given below. Plants that are particularly sensitive to conventional fertilizer sbould receivo Osmocote at balf the recommended rates.

Container Volume	Osmocote 14-14-14	Osmocote 18-9-9
Six-inch pot	One level tablespoon	One level tablespoon
One-gallon can	One level tablespoon	One level tablespoon
100 square feet	1.5 lbs. (wt)	One lb. (wt)

	50-300 lbs.	350-1500 lbs.	1550-2000 lbs.	2050 and over
14-14-14 18-9-9	**$0.29**	**$0.27**	**$0.25½**	**$0.25**

300 lbs. or more sbipped prepaid in continental U.S.

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Explanation of Table Below: Numbers Prefixed with **B,** Represent Bulbs; **P,** Plants; **R,** Roots; **S,** Seeds.

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GENERAL OFFICES and MIDWESTERN WAREHOUSE—5300 Katrine Avenue, Downers Grove, Illinois

Phone: WOodland 9-6300. For direct dial long distance use our Area Code 312 WO 9-6300.

For Chicago customers, Phone: BIshop 2-2362.

BEAUTIFYING AMERICA SINCE 1876

Vaughan's SEED COMPANY

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PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

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Bulbs, Roses, Supplies, Grass Seed Mixtures and Fertilizers, Greenhouse Plants and Insecticides are 2% 10 days, 30 days net.

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PREPRICED ORDERS. These orders are held in file and just prior to shipment a detailed invoice will be sent. Upon our receipt of your check covering the invoice, merchandise will be shipped. Prepaid orders enables you to receive cash discount and save you C. O. D. charges.

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ROUTING. On each Order please give **name of railroad** you wish shipped by; there is no other sure way of correct routing. State distinctly: if by **Mail, Express, Truck or Railroad Freight.** If no routing is given, we will use our judgment but cannot be responsible for any delay or over charges.

ADVANCE ORDERS for seeds not yet grown or harvested are subject to pro-rata delivery in case of short crop.

IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED CO., gives no warranty express or implied, as to the productiveness of any seeds, bulbs or plants it sells; nor does it warrant fertilizers other than in respect to data required of seller by statutes. It is expressly agreed that the limit of liability for all claims for loss or damages due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.

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Prices and Varieties of Vaughan's Arizona Grown Rose Bushes

Standard Varieties Available Bare Root

HYBRID TEAS

Baby Peace (two tone)
Blanch Mallerin (white)
Charlotte Armstrong (carmine)
Condesa de Sastago (bi-color)
Countess Vandal (pink blend)
Crimson Glory (best red)
Eclipse (rich yellow)
Editor McFarland (pink)
Etoile de Hollande (red)
Frau Karl Druschki (white)
Girona (bi-color)
Golden Charm (yellow)
Golden Rapture (yellow)
Good News (pink)
K. A. Viktoria (white)
K. T. Marshall (pink)
Karl Herbst (dark scarlet)
Lowell Thomas (yellow)
McGredy's Ivory (white)
McGredy's Sunset (bi-color)
McGredy's Yellow (yellow)
Mirandy (red)
Peace (bi-color)
Picture (pink)
Poinsettia (vivid scarlet)
President Hoover (bi-color)
Radiance (popular pink)
Red Radiance (red)
Rex Anderson (white)
Show Girl (pink)
Talisman (multi-color)
The Doctor (pink)
Virgo (white)

FLORIBUNDAS

Baby Chateau (red)
Betty Prior (single pink)
Else Poulsen (pink)
Eutin (red)
Floradora (orange-scarlet)
Garnette (red)
Goldilocks (yellow)
Improved Lafayette (red)
Pinocchio (pink blend)
Rochester (apricot blend)
Rose Elfe (pink)
Summer Snow (white)

CLIMBERS

Blaze (red)
Climbing Garnette (red)
Dr. J. H. Nicolas (pink)
Doubloons (yellow)
Gold Rush (yellow)
New Blaze (red)
New Dawn (soft pink)
Paul's Scarlet (red)
Prosperity (white)

PRICES OF STANDARD VARIETIES

BARE ROOT

All bare root roses are sold in units of 10 of a variety and grade. Orders must be in multiples of 10. Orders for 300 or more of non-patented or standard varieties are priced at the 1000 rate. Boxes and packing extra at cost.

Quantity	10-90	100-290	300 Up
No. 1 Grade	**$0.70**	**$0.65**	**$0.60**
No. 1½ Grade	**.55**	**.50**	**.48**

PRICES OF PATENTED VARIETIES

Suggested retail prices indicated are those used in determining the wholesale price by variety.

BARE ROOT

Quantity prices are "per variety" on all patented varieties. Write for special prices on more than 250 of any one variety.

Retail Price Each	Wholesale Price Each 10	Each 20-up	Each 100-up
$1.75	$1.00	$ .88	$ .80
2.00	1.10	1.00	.95
2.25	1.25	1.13	1.05
2.50	1.40	1.25	1.20
2.75	1.50	1.38	1.30
3.00	1.65	1.50	1.40
3.50	1.90	1.75	1.65

Patented Varieties Available Bare Root

HYBRID TEAS

	Retail Price
Arlene Francis (yellow) (#1684)	$3.00
Aztec (scarlet-orange) (#1648)	2.75
Bronze Masterpiece (bronze) (#2000)	3.00
Careless Love (pink fleck) (#1582)	2.00
Champagne (pink) (#2151)	3.00
Chicago Peace (bi-color) (#2037)	3.00
Christian Dior (red) (#1943)	3.00
Chrysler Imperial (red) (#1167)	2.75
Duet (pink bi-color) (#1903)	3.00
Forty-niner (bi-color) (#792)	2.75
Garden Party (ivory bl.) (#1814)	3.00
Golden Masterpiece (yellow) (#1284)	3.00
Golden Scepter (yellow) (#910)	2.25
Granada (multicolor) (#2214)	3.50
Hawaii (orange coral) (#1833)	3.00
Helen Traubel (pink bl.) (#1028)	3.00
Invitation (salmon orange) (#2018)	2.50
Kings Ransom (yellow) (#2103)	3.50
K. Perfecta (cream & red) (#1604)	2.75
Lady Elgin (orange) (#1469)	2.50
Love Song (bi-color) (#1360)	2.50
Mr. Lincoln (red) (#2370)	3.50
Memoriam (pastel pink) (#2280)	3.50
Mojave (orange) (#1176)	2.75
New Yorker (red) (#823)	2.50
Nocturne (dark red) (#713)	2.25
Orchid Masterpiece (orch.) (#2039)	3.00
Pink Peace (deep pink) (#1759)	2.75
Royal Highness (pink) (#2032)	3.00
South Seas (pink) (#2184)	3.50
Sterling Silver (lav.) (#1433)	3.00
Suspense (red-yellow) (#1944)	3.00
Sutter's Gold (gold bl.) (#885)	2.75
Tiffany (pink) (#1304)	2.75
Tropicana (orange-red) (#1969)	3.50
White Knight (white) (#1359)	2.75

CLIMBERS

Blossomtime (pink) (#1240)	2.50
Cl. Chrysler Imperial (red) (#1558)	2.75
Cl. Crimson Glory (red) (#736)	2.75
Cl. Peace (yellow bl.) (#932)	2.50
Don Juan (deep red) (#1864)	3.00
Golden Showers (gold) (#1557)	2.50

GRANDIFLORAS

	Retail Price
Buccaneer (yellow) (#1119)	$2.75
Camelot (pink) (#2371)	3.50
Carrousel (dark red) (#1066)	2.25
El Capitan (red) (#1796)	2.75
Golden Girl (yellow) (#1912)	2.50
John S. Armstrong (red) (#2056)	3.50
June Bride (white) (#1770)	2.50
Montezuma (salm. orange) (#1383)	3.00
Pink Parfait (pink bl.) (#1904)	3.00
Queen Elizabeth (pink) (#1259)	2.75
Starfire (currant-red) (#1742)	2.50
War Dance (red) (#2017)	2.75

FLORIBUNDAS

Amy Vanderbilt (lilac) (#1585)	2.00
Circus (yellow bl.) (#1382)	2.50
Fashion (coral-pink) (#789)	2.00
Fashionette (pink bl.) (#1563)	2.00
Fire King (fiery-red) (#1758)	2.00
Fusilier (red) (#1709)	1.75
Gold Cup (gold-yellow) (#1683)	2.00
Golden Garnette (yellow) (#1898)	2.50
Golden Slippers (two tone) (#2244)	2.50
Heat Wave (red) (#1786)	2.75
Ivory Fashion (ivory) (#1688)	2.00
Jiminy Cricket (tangerine) (#1346)	2.00
Lavender Girl (lavender) (#1672)	3.00
Little Darling (pink-yellow) (#1581)	2.25
Pink Garnette (pink) (#1120)	1.75
Red Pinocchio (red) (#812)	1.75
Sarabande (orange-red) (#1761)	2.00
Saratoga (white) (#2299)	2.50
Spartan (orange-red) (#1357)	2.00
Vogue (cherry-coral) (#926)	2.00
White Bouquet (white) (#1415)	2.00

Claims and Guarantee

We do our best to grow and pack our roses to please our customers. Just prior to leaving our warehouses they are inspected and are in good condition. Therefore, if roses arrive in other than perfect condition it is our customers responsibility to request an immediate inspection from the delivering carrier and forward this report to us within 5 days. Because of the perishable nature of roses we will not honor claims made at a later date.

We cannot and will not be held responsible for shelf life of our roses. However, if our customer sells a rose which does not grow we will replace that rose on their next year's order at no charge. The return of the tag from this rose will be a necessary requirement for this replacement.

Vaughan's Arizona Grown Roses

FOR POT FORCING

Suggestions for Forcing Pot Roses for Easter and Mother's Day

These suggestions are based on information supplied by customers who have successfully grown pot roses for several years. Proper allowance must be made for any unusual conditions in your area.

When to Pot—Planting for Easter should be done 3 months before the holiday occurs. We time our shipments so you receive the bushes 2-3 days before planting time.

Pruning—At time of potting prune tops to 6 inches above bud union. Prune roots to fit the pot leaving as many fibrous roots as possible.

Soil—Any good greenhouse soil is satisfactory. Be sure to tamp the soil well around the roots and water thoroughly. Some growers use a tamping stick to pot tight.

Temperatures—Immediately after potting 50° and high humidity. Some growers use wet burlap over the plants until they sprout. After sprouting, transfer to a sunny bench and use 58° temperature. 62° will advance the flowering. 55° will retard the flowering. Temperatures above 58° results in a loss of quality.

Pinching—Advisability of pinching varies. Some growers insisting it results in a better pot plant, others insisting it does more harm than good. In the Chicago area a soft pinch 8 weeks before Easter results in flowers at Easter at 58°. A pinch 7 weeks before Mother's Day is proper timing.

Watering and Feeding—After the shoots are well started, soil should be kept as evenly moist as possible. Feeding with soluble fertilizer, like Vaughan's Instant Glamour, should be done about three times during the plants growth. The first application about six weeks after potting.

VAUGHAN'S INSTANT GLAMOUR ROSES

Potted in Plantable Containers

Over 100 popular garden varieties available.

Customers just snap out plastic top and bottom, place the rose, still in the container, in a hole. Roots grow out bottom, container disintegrates in soil. Complete planting instructions on label.

A sensationally complete sellout in 1964!

Order early for Instant Glamour Profits in '65!

Customer Satisfaction Guaranteed—Instant Glamour Roses are growing already so there's no worry about survival. Planting them, container and all, prevents transplant shock.

Priced to Sell—Our suggested retail is only 25c per plant more than for patented package roses. For example we suggest a retail price of $3.25 for Arlene Francis, $2.75 for New Yorker and $1.98 for all non-patented varieties. You are allowed a full 40% discount from these suggested retail prices.

Packing—There are 12 Instant Glamour Roses in each carton. Minimum shipment is 5 cartons.

You can recapture potted plant sales from supermarkets by offering these exceptionally fine roses potted and in full bloom for Easter and Mother's Day. Their popularity is increasing all the time. Recommended varieties make wonderfully-free-blooming specimens. XXX grade result in large plants; XX grade in medium plants. Shipments from December through February.

Patented varieties are offered under license from the patentee and are for resale at or above the retail prices specified. Wholesale prices on patented varieties are per variety. Quantities of patented varieties cannot be grouped with standard varieties for quantity prices. All standard varieties may be grouped to take advantage of the lowest quantity price.

Patented Varieties

Carol Amling (#1126). An excellent light pink sport of Garnett. Attractive green foliage.

Pink Garnette (#1120). A very beautiful pink flower borne on compact plants with typical Garnette foliage.

Prices for either of the above patented varieties.

	Each 10	Each 20-up	Each 100-up
XXX Grade	$1.00	$ .88	$ .80

XX grade of patented pot forcing roses 20% less than XXX price. All pot forcing roses available only in bundles of 10 and only bare root. Packing charged extra at cost.

Standard Varieties

Baby Peace—Flowers cream yellow with pink tinge.

China Doll—Flowers pink with white fleck.

Dick Koster. Flowers bright salmon red.

Garnette. Attractive glossy bronze foliage. Flowers bright rich red. Growth compact.

Golden Salmon. The name describes the flower color. Bush growth is compact. Foliage is good. Excellent.

Margo Koster. Flowers freely with salmon-orange globular shaped blooms. Bush compact.

Mother's Day. Red globular shaped flowers. A sport of Margo Koster.

Rose Elfe. Bush loosely compact. Flowers large, high centered and a lovely pink. Flower clusters are on relatively long sturdy stems.

Summer Snow. The most prolific of white varieties in this class. Flowers pure white in heavy clusters.

Triomphe D'Orleanis. Flowers cherry red. Very popular.

Prices of standard varieties.

	10 plants each	20/90 plants each	100/250 plants each	more than 250 plants each
XXX grade	$ .75	$ .70	$ .65	$ .60
XX grade	.65	.60	.55	.45

ROSE ELFE

Miniature Roses

Price Schedule for Dormant Plants

Variety	Pl. Pat. No.	Our Retail Each Price	Wholesale Price per plant 10-24	25-99	100-249
Pixie Rose	2095	$1.50	$0.75	$0.70	$0.65
Scarlet Gem	2155	1.50	.75	.70	.65
Baby Gold Star	—	1.50	.75	.70	.65
Bo-Peep (pink)	976	1.50	.75	.70	.65
Cinderella (white)	1057	1.50	.75	.70	.65
Red Imp	1032	1.50	.75	.70	.65
Pixie Gold	2901	1.50	.62½	.60	.55
Midget (red)	—	1.25	.62½	.60	.55
Pixie (white)	—	1.25	.62½	.60	.55
Robin (red)	1663	1.25	.62½	.60	.55
Sweet Fairy (pink)	748	1.25	.62½	.60	.55
Tinker Bell (pink)	1293	1.25	.62½	.60	.55

Quantity of the variety ordered determines price bracket, not total quantity of the order. These plants are grown and shipped in plastic Poly-Pots (equivalent to 3" clay), individually labeled, and packed, f.o.b. West Grove, Pa. only. No charge for packing. Minimum order 50 Plants.

FREE! with each order: Poster, cultural information, and growing guides.

COLLECTIONS

MR1 (100 Plants)—10 Baby Gold Star, 15 Bo-Peep, 15 Cinderella, 10 Pixie Rose, 40 Red Imp, 10 Scarlet Gem. **$67.50** for one collection. **$73.00** value.

MR2 (50 Plants)—30 Red Imp, 10 Cinderella, 10 Bo-Peep. **$34.50** for one collection. **$36.00** value.

MR3 (210 Plants)—10 Midget, 50 Red Imp, 20 Scarlet Gem, 10 Robin, 15 Baby Gold Star, 15 Pixie Gold, 15 Bo-Peep, 15 Pixie Rose, 20 Sweet Fairy, 10 Tinker Bell, 20 Cinderella, 10 Pixie. **$125.00** for one collection. **$145.75** value.

MR4 (100 Plants)—20 Midget, 15 Pixie, 15 Pixie Gold, 15 Robin, 20 Sweet Fairy, 15 Tinker Bell. **$57.50** for one collection. **$62.00** value.

MR5 (50 Plants)—10 Midget, 10 Pixie, 10 Pixie Gold, 10 Robin, 10 Sweet Fairy. **$30.00** for one collection. **$31.00** value.

VAUGHAN'S "EXTRA VALUE"
ARIZONA GROWN ROSES FOR 1965

OVER 150 POPULAR VARIETIES AVAILABLE

Our patented roses are grown under license from patent holders. This is to your advantage because we can supply the best varieties from each. The range of colors of our standard (non-patented) varieties is the best available. Look over the complete list which faces the inside back cover.

In addition, just about 100% of the roses budded in Arizona grow into saleable plants. This compares to only 80-85% growers get in other areas. Therefore, you have a better chance of getting the varieties you order.

Tropicana

Chicago Peace

Peace

WHY ARIZONA GROWN ROSES FROM VAUGHAN'S ARE BETTER

Every step in our production program is aimed at increasing the starch content of our roses. Sunlight, temperatures, native fertility of the soil and absence of disease in Arizona all are favorable for more starch. The use of Dr. Huey root-stock, special fertilizers, regulated watering schedules—and our insect control programs contribute to more starch—and all this additional starch results in better and faster breaks and growth, less transplanting shock, longer storage life—and more customer satisfaction.